HONDA
POWER PRODUCTS

LAWN MOWER

HRU196K1
HRU196M1
HRU216K2
HRU216M2

PARTS CATALOGUE

1

18VJ9B01

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FOREWORD INDEX 1

ENGINE GROUP 2

FRAME GROUP 3

PART NUMBER INDEX 4

PART NAME INDEX 5

Instruction for use of parts catalogue

- **This parts catalogue was prepared based on the latest information available as of June 01, 2010.**
  - See the parts catalogue news for any revision that is made after June 01, 2010.
- **Always specify the part number when ordering a part.**
  - Check the model, type, serial numbers, color, maker, and the size as needed before ordering a part.
  - Note that the illustrations (part drawings) can differ from the actual parts in shape.
    They are given just to help you to refer to the parts.
- **When modifications or additions to this parts catalogue are made, a revised edition will be issued at an appropriate time, with successively progressing revision numbers on the cover. We recommend obtaining such revisions in order to keep your parts catalogue up-to-date at all times. To check whether a parts catalogue revision has been issued, please contact your Honda distributor.**

Initial version issue date June 01, 2010
Honda Motor Co., Ltd.

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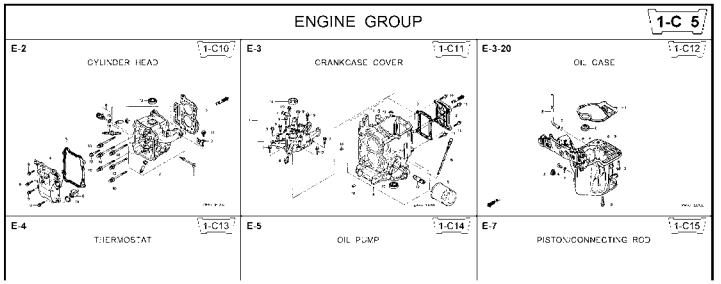
How to refer to the part information

Ⓐ Reference with “Illustrated index”



Ⓑ Reference with “Part number index”

PART NO. INDEX

Part Number	Address	Page	Ref.
06000			
06316-ZW9-000	1-G9	88	1
11000			
11300-ZW9-405	1-C11	27	1
11300-ZW9-406	1-C11	27	1
11340-ZW9-000	1-C11	27	2
11342-ZW9-000	1-C11	27	3
11381-ZW9-003	1-C12	28	1
12000			
12000-ZW9-405ZA	1-C11	27	4
12155-ZV4-A00	1-C13	29	1
12166-ZW9-000	1-C10	26	1
12209-GB4-681	1-C16	32	1
12210-ZW9-405ZA	1-C10	26	2
12216-ZE2-300	1-E8	55	1
	1-E11	58	1
15212-ZW9-000	1-C14	30	
15220-ZW9-003	1-C14	30	
15332-ZW9-000	1-E8	55	
15332-ZW9-A30	1-E11	58	
15400-PFB-004	1-C11	27	
15422-ZW9-000	1-C14	30	
15473-881-000	1-C14	30	
15474-ZW9-000	1-C14	30	
15611-921-000	1-C10	26	
15655-ZW9-000	1-C11	27	
16000			
16010-ZV4-005	1-D4	36	
16011-ZV4-005	1-D4	36	
16013-ZW9-003	1-D4	36	
16016-ZW9-003	1-D4	36	
16016-ZW9-721	1-D4	36	
16023-ZW9-003	1-D4	36	
16024-ZV4-650	1-D4	36	
16028-ZV4-650	1-D4	36	

Ⓒ Reference with “Part name index”

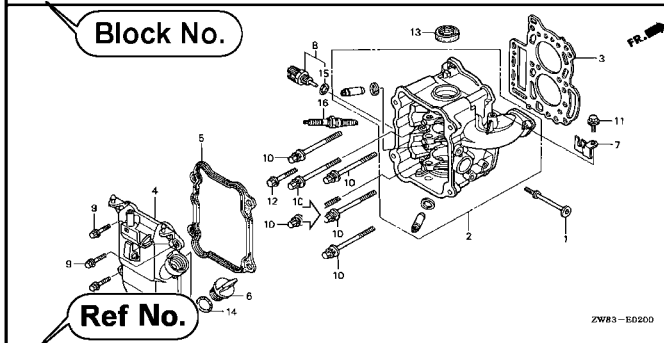
PART NAME INDEX

Part name	Address	Page	Ref.	
[A]				BOLT ,
ABSORBER ,FUEL	1-E15	62	5	
ARMATURE COMP.	1-D11	43	7	BOLT ,
ARM COMP. ,LINK JOINT	1-G6	85	18	BOLT ,
ARM COMP. ,SHIFT LINK	1-G6	85	14	BOLT ,
ARM COMP. ,TILT	1-F15	79	20	
ARM ,FUEL PUMP ROCKER	1-C16	32	4	
ARM ,REVERSE LOCK	1-F15	79	18	
ARM ,SHIFT LINK	1-F11	74	7	
ARM ,STOPPER	1-D1	33	12	BOLT ,
ARM ,THROTTLE REMOTE	1-F11	74	6	
ARM ,VALVE ROCKER	1-C16	32	3	
[B]				
BAG ,TOOL ,160MM	1-G5	84	10	
BAND	1-G6	86	37	
BAND B1,WIRE	1-F6	69	1	
BAND ,CORD	1-F3	67	18	BOLT ,
BAND ,TUBE CLIP ,11MM	1-E15	63	20	
BAND ,TUBE CLIP ,12.5MM	1-E15	63	19	BOLT ,

Address No.

E-2 CYLINDER HEAD 1-C10

Block No.



Service item	F.R.T.
O-RING, 26X2.7	0.1
.PLUG, SPARK	
O-RING, 9.5X1.5	0.2
.SENSOR ASSY., WATER TEMPERATURE	
COVER COMP., HEAD	0.3
.PACKING, HEAD COVER	
GASKET, CYLINDER HEAD	1.8
OIL SEAL, 20X32X6	2.4
HEAD COMP., CYLINDER	3.1

Ref. No.

Ref. No.	Part No.	Description	Reqd. QTY BF 9.9D1	BFP 9.9D1	BF 10D1	BFP 10D1	BF 10B1	BFP 10B1	Serial No.	Parts catalogue code
1	12166-ZW9-000	STOPPER, ENGINE SIDE	2	2	2	2	2	2		
2	12210-ZW9-000ZA	HEAD COMP., CYLINDER *NH8*.....DARK GRAY	1	1	1	1	1	1		
3	12251-ZW9-003	GASKET, CYLINDER HEAD	1	1	1	1	1	1		
4	12310-ZW9-000	COVER COMP., HEAD	1	1	1	1	1	1		
5	12312-ZW9-000	PACKING, HEAD COVER	1	1	1	1	1	1		
6	15611-921-000	CAP, OIL (NO GAUGE)	1	1	1	1	1	1		
7	16617-ZW9-000	HOLDER, CABLE	1	1	1	1	1	1	-------- --------	SC,SG
	16617-ZW9-010		1	1	1	1	1	1	-------- 1001800	LHC,LHD
			1	1	1	1	1	1	1001801 --------	LHC,LHD
8	35673-ZW5-003	SENSOR ASSY., WATER TEMPERATURE	1	1	1	1	1	1		
9	90003-ZW9-000	BOLT, FLANGE, 6X22	4	4	4	4	4	4		
10	90007-ZW9-003	BOLT, FLANGE, 8X83	6	6	6	6	6	6		
11	90011-ZW9-000	BOLT, FLANGE, 6X14(CT200)	1	1	1	1	1	1		
12	90020-ZW9-000	BOLT, FLANGE, 8X40	2	2	2	2	2	2		
13	91202-KJ9-003	OIL SEAL, 20X32X6	1	1	1	1	1	1		
14	91301-805-000	O-RING, 26X2.7	1	1	1	1	1	1		
15	91307-PK2-005	O-RING, 9.5X1.5(HONDA KIKAKI)	1	1	1	1	1	1		
16	98059-55916	PLUG, SPARK (CR5EH-9)	2	2	2	2	2	2		
	98059-55926	PLUG, SPARK (U16FER9)	2	2	2	2	2	2		

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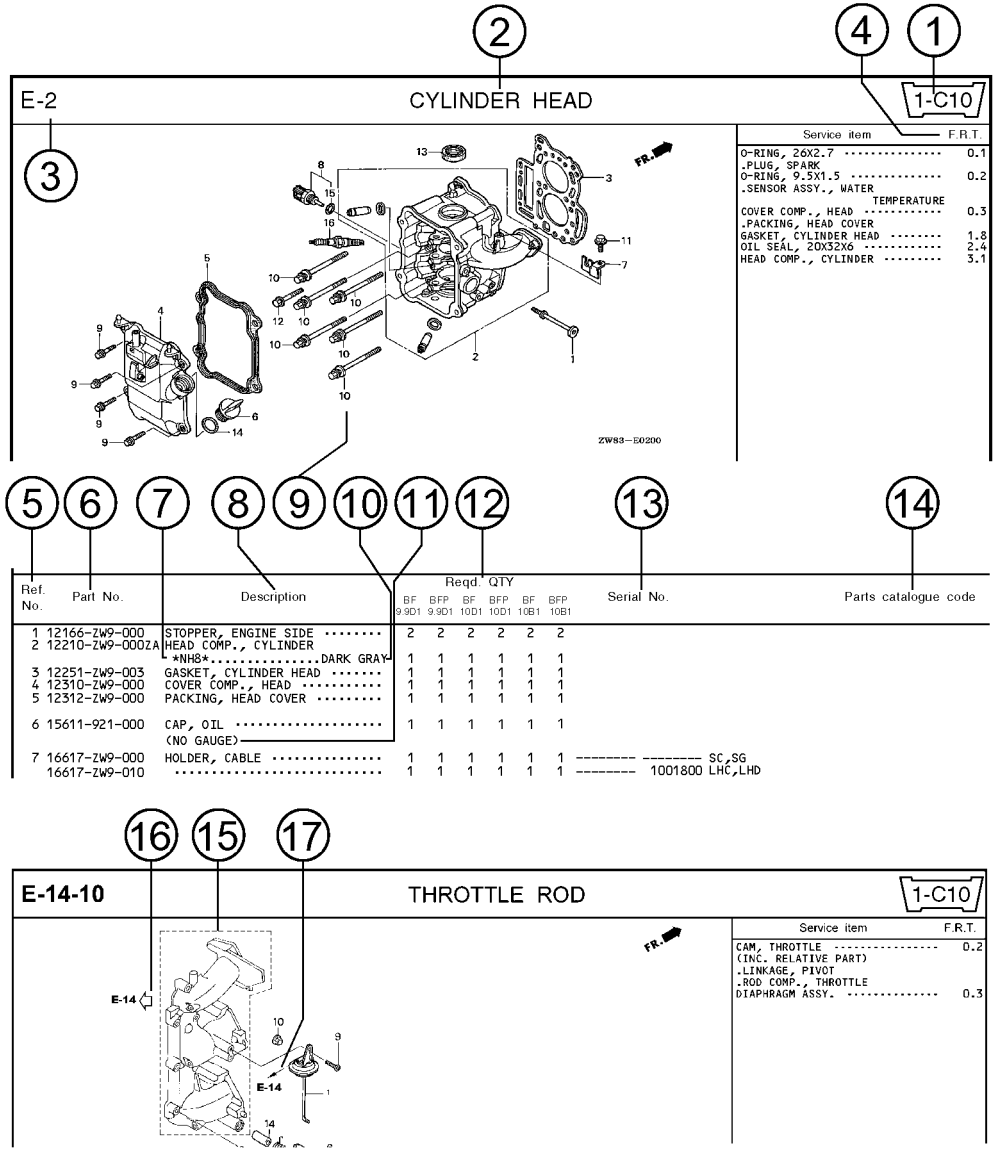
Page No.

2000.09.20 E

Part catalogue structure



①Address number
- Address No. is provided (in place of the page No.) to help you refer to the part with the part No. or part name.

②Block title ③Block number

④Service item/Flat rate time

⑤Reference number
- Title number marked with the parenthesis or parentheses indicates that it continues from the previous page.

⑥Part number ⑦Honda color code

⑧Description

⑨Assemblies
- Sections framed with broken lines in the exploded view drawings are available as complete assemblies. (Their individual parts can also be obtained.)

⑩Color description

⑪Note
- Notes are shown with the parentheses in the part name column.

⑫Required quantity
- Required QTY shown in the parenthesis or parentheses indicates the optional part.
- Required QTY marked with “N” Indicates the optional part that should be selected as needed.
- Required QTY indicates the number of the part used in the block.

⑬Serial number

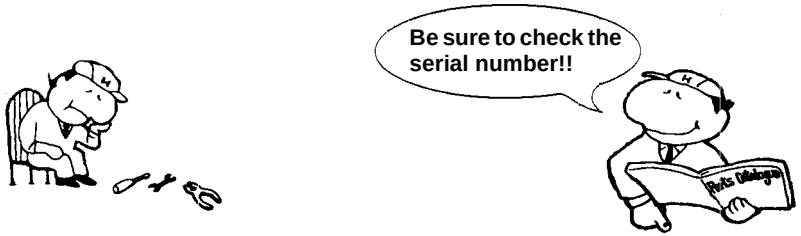
⑭Type
- When the type column is blank, it indicates that the part is applicable to all types.
- As the type of the actual unit may differ from the “parts catalogue, type” please refer to “Models, types and applicable serial numbers” for confirmation.

⑮ ⬚
- Parts enclosed within a dotted line ⬚ are covered in a different block.

⑯ ⇦
- A hollow arrow ⇦ indicates the block No. for the parts enclosed within a dotted line ⬚ .

⑰ ←
- A solid arrow ← indicates the block No. the part in question is connected to.

When the parts were revised



Ref. No.	Part No.	Description	Reqd. QTY BF 9.9D1	BFP 9.9D1	BF 10D1	BFP 10D1	BF 10B1	BFP 10B1	Serial No.
1	12166-ZW9-000	STOPPER, ENGINE SIDE ·····	2	2	2	2	2	2	
2	12210-ZW9-000ZA	HEAD COMP., CYLINDER *NH8*.....DARK GRAY	1	1	1	1	1	1	
3	12251-ZW9-003	GASKET, CYLINDER HEAD ·····	1	1	1	1	1	1	
4	12310-ZW9-000	COVER COMP., HEAD ·····	1	1	1	1	1	1	
5	12312-ZW9-000	PACKING, HEAD COVER ·····	1	1	1	1	1	1	
6	15611-921-000	CAP, OIL ····· (NO GAUGE)	1	1	1	1	1	1	
7	16617-ZW9-000	HOLDER, CABLE (###)·····	1	1	1	1	1	1	------- ------- SC,SG
	16617-ZW9-010	·····	1	1	1	1	1	1	------- 1001800 LHC,LHD
			1	1	1	1	1	1	1001801 ------- LHC,LHD

The number has been used from the initial model without revision.

When shown at the left side, it is applicable to the models of No.1001801 and the subsequent numbers.

When shown at the right side, it is applicable to the models up to No.1001800.

- The parts listed with "###" at the end of the parts name have limited supply period (parts not for sale).

Abbreviations used in the parts catalogue

- **The following abbreviations are used in the parts name column.**

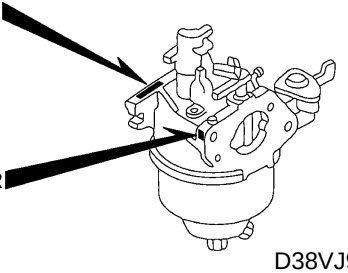
A ..... Ampere
A.C. ..... Alternating current
ASSY. .... Assembly
AT. ..... Automatic transmission
C.D.I. ..... Capacitive discharge ignition
COMP. ... Complete
D.C. ..... Direct current
EX. ..... Exhaust
G.F.C.I ... Ground fault circuit interruptor
HEX. ..... Hexagonal
H.S.T. .... Hydrostatic transmission
FR. .....Front
IN. .....Inlet
L (100L) .Link (100 Links)
L. .....Left
MM .....Millimeter
MT. .....Manual Transmission
P.T.O. .....Power take off
R. .....Right
RR. .....Rear
STD. .....Standard
T (22T) ...Tooth (22 Teeth)
V .....Volt
W .....Watt

How to check the part block and serial numbers

Part block	Engine parts E-2~	Carburetor parts E-14	Frame parts F-1~
Numbers needed	Stamped engine number	Stamped carburetor identification number	Stamped frame number
Check point	①	②	③

②-Ⓑ
CARBURETOR IDENTIFICATION NUMBER

②-Ⓐ
CARBURETOR IDENTIFICATION NUMBER



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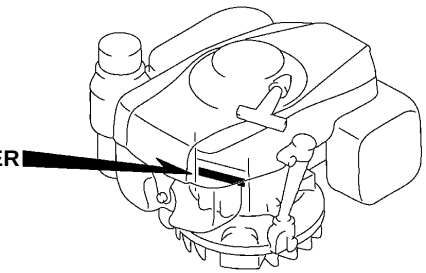
①
TYPE
ENGINE SERIAL NUMBER



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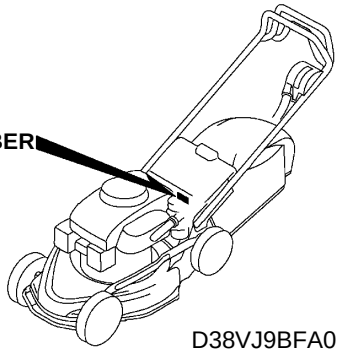
③
FRAME SERIAL NUMBER



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Models, parts catalogue codes and applicable serial numbers

• **Models, parts catalogue codes and applicable serial Nos. given in this parts catalogue can be identified as follows.**

Model	Type	Parts catalogue type	Engine		Applicable engine serial No.	Applicable frame serial No.	Applicable carburetor identification No.
			Model	Type			
HRU196K1	PWNH	PWNH	GXV160H2	MX1	GJAAH-1000001~	MAWU-1000001~	BE66T A
	PWUH	PWUH					
HRU196M1	PBUH	PBUH		MU4		MAYU-1000001~	
HRU216K2	TBUH	TBUH		MU5		MASU-1000001~	
HRU216M2						MATU-1000001~	

* Of carburetor identification numbers, only the portions underlined in the example below are used for registration.

BE 66T A KC ナ
Ⓐ Ⓑ

Features of each type

• **See the following table for the features of each type. (Items in brackets are optional)**

Specifications \ Model	HRU196K1		HRU196M1	HRU216K2	HRU216M2
Specifications \ Type	PWNH	PWUH	PBUH	TBUH	
Push type	●	●	●		
Self propelling type				●	●
Transmission (3-Speed)				●	●
Discharge plug			●		●

Fuel hose, general purpose hoses and vinyl hose

- The standard part fuel hose, general purpose hose and vinyl hose may be substituted by the coiled bulk part.
- When ordering the standard part fuel hose, general purpose hose and vinyl hose use the bulk part number written in the parts catalog in brackets ( ) underneath the part name.
- When exchanging the hose, cut and use at the specified length as mentioned in the part name.
  (For the method of cutting the bulk part, and method of filling out orders etc., please refer to the instructions issued with the bulk part.)

Bulk part number of fuel hose, general purpose hose and vinyl hose.

Example: 9 5 0 0 1 - 7 5 0 0 1 - 5 0 M

Bulk part number:
Refers to the bulk part.

Marking code (fuel hose and general purpose hose)
Change code (Vinyl hose)
Indicates number mark or change sequence, however, the code for the bulk part must be strictly 0 (zero).

Types of code:

• Fuel hose	2: Red outside braid (3 mm inside dia. only)	• General hose	1: Ash gray	• Vinyl hose	1: Clear
	5: Black inside braid		2: Ash gray		2: Black
	3: Red (3 mm inside dia. only)		3: Black		3: Light red
	4: Ash gray with red stripe (3 mm inside dia. only)		5: Black		6: Light red
	6: Black				7: Pale black

Lengths:
001: 1 m (standard)
003: 3 m
008: 8 m
} Application or specification of some parts is not settled.

I.D code: (fuel hose and general purpose hose)

30: 3.0 mm	50: 5.0 mm	70: 7.0 mm	11: 11 mm	12: 12 (outside dia. 17) mm
35: 3.5 mm	55: 5.3 mm, 5.5 mm	75: 7.3 mm, 7.5 mm	91: 12 (outside dia. 15) mm	14: 14 mm
45: 4.5 mm	65: 6.5 mm	80: 8.0 mm	92: 12 (outside dia. 16) mm	17: 17 mm

ID./OD. code: (vinyl hose)

01: ID. 2.9, OD. 6.8 mm	12: ID. 5.0, OD. 7.0 mm	21: ID. 8.0, OD. 9.0 mm	37: ID. 11.0, OD. 15.0 mm	50: ID. 16.0, OD. 19.0 mm
03: ID. 3.0, OD. 6.0 mm	10: ID. 5.0, OD. 8.0 mm	23: ID. 8.0, OD. 12.0 mm	38: ID. 12.0, OD. 13.0 mm	55: ID. 17.5, OD. 20.5 mm
05: ID. 3.5, OD. 6.5 mm	11: ID. 5.0, OD. 9.0 mm	25: ID. 9.0, OD. 11.0 mm	39: ID. 12.0, OD. 14.0 mm	60: ID. 22.0, OD. 27.0 mm
07: ID. 4.0, OD. 7.0 mm	14: ID. 6.0, OD. 9.0 mm	27: ID. 9.0, OD. 13.0 mm	40: ID. 12.0, OD. 16.0 mm	
08: ID. 4.5, OD. 6.5 mm	17: ID. 7.0, OD. 9.0 mm	33: ID. 10.0, OD. 14.0 mm	43: ID. 13.0, OD. 15.0 mm	
09: ID. 4.5, OD. 8.0 mm	19: ID. 7.0, OD. 11.0 mm	36: ID. 11.0, OD. 13.0 mm	45: ID. 14.0, OD. 18.0 mm	

Hose type:
1: Fuel hose
3: Vinyl hose
5: General hose

◎ **CAUTION: It is DANGEROUS to confuse the fuel hose with the general purpose hose or vinyl hose.**
Never use a general purpose hose or vinyl hose in place of a fuel hose or vice versa. Always use the correct bulk part in the parts catalogue, according to the service manual or the instructions issued with the bulk part.

FLAT RATE SERVICE TIME

Flat rate service time (FRT) means the standard time required to service a product, which is listed in this manual to help the dealers control the actual working process and calculate the service charge by using it as a guide.

FRT setting system

- Net service time
  - Removal, Disassembly/reassembly, Installation
  - Inspection, Measurement, Adjustment, Confirmation
  - Diagnosis/troubleshooting (Electric system)
  - Completion inspection
- Float time
  - Preparation (Process check, Confirmation arrangement for necessary tools)
  - Related work (Transfer of products)

* Float time is set by multiplying the net service time by a given coefficient.

Editorial style

The service items shown in the text are listed with the exchange work time for the repair sales parts as the subject. Other representative service items not using repair parts (removal/ installation, adjustment, inspection/measuring, and other work) are listed collectively in the list in the preface, classified according to the work.

FRT setting standard

- Decimal system (in unit of 0.1) is adopted to set FRT as it is convenient to calculate the wage.
  Example: (0.1) → 6 minutes, (0.2) → 12 minutes
  [Labor cost per hour] x [FRT] = [Wage]
- FRT is set with a hand tool.
- Service items and FRT can be subject to change depending on development of tools and service equipment and improvement in service procedure.

Work procedure

- As the work procedure is set with the work time according to the method in the separate Service Manual, refer to this Manual as required.
- Work methods permitting servicing in the shortest time still permitting assurance of safe work and product warranty are used for the setting of service items not listed in the Service Manual.
- Work basically is to be performed by one person, and when two or more people are required, setting is done as the total time for the number of people.
- The set value for the technological level of the workers uses a person with three years of experience in the repair of Honda products as the standard.
- Special tools and service equipment used to set FRT are those specified or recommended in Service Manual.

Service item whose FRT is not presented

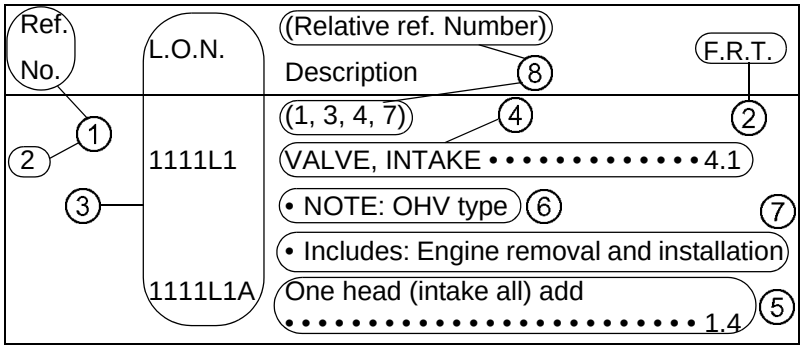
- Accessories and service parts that are not listed to use in this manual.
- Locations with little aging deterioration or breakage during normal use.
- Service work that can be finished by one touch.
- Service work that is seldom done (i.e. extremely small causes of trouble and service frequency).
- Products and parts whose location for installation differs according to its status of use and application.

* When FRT is not presented, please calculate wages based on appropriate actual work time.

Operation not included of FRT

- Oil and coolant water drainig, Waiting time for warming up operation and etc..
- Additional operation that involves removal/installation of standard exterior equipment.
- Indirect time spent for service by visiting the customer, trade-in, and delivery.
- Indirect time required for ordering and delivery of parts.
- Cost for grease, adhesive agent, etc. used for service work.

Explanation of FRT by using an example
(The example may differ from the actual presented items)



①Reference No. of the illustration of part that shows location of the replacement work.

②FRT is an abbreviation of Flat Rate Time indicating the standard service time required for the replacement.

③LON is an abbreviation of Labor Operation Number, and it is a classification of the service items by the work unit code.

The same operation code is used regardless of the models.

Standard operation is indicated with 6 digits code, and additional operation is indicated with 7 digits code.

④Indicating the intake valve replacement and FRT4.1.

⑤Indicating FRT1.4 that will be added when additional operation (whole intake side of one cylinder head) is done in association with intake valve replacement.

⑥Indicating work condition or application condition of the service item.

⑦Indicating work contents that are included in the service item.

⑧Indicating a reference No. whose operation and time are the same as FRT4.1 for the intake valve.

(The application range is limited to the service items without an LON setting within a same block.)

How to refer to the service item by using the sample
(intake valve replacement)

Open to the page of the block where the intake valve's spare part illustration is shown.

⇩

Look for the intake valve illustration, and refer to the service item and FRT that agree with the reference No.

Indication mark for the listing of service items that continues to the following page

Ref. No.	L.O.N.	(Relative ref. Number) Description	F.R.T.
2	**1111L1**	**VALVE, INTAKE** • • • • • • • • • • • •	**4.1**
	•	•	•
	•	•	•
+			

Mark indicated at the last line.

Indication of the block with no setting of FRT

Ref. No.	L.O.N.	(Relative ref. Number) Description	F.R.T.
NO INFORMATION • • • • • • • • • • • • • • • • • •			

- **LON code system**

1	11	1	L1	A
a	b	c	d	e

a) Category code..... Engine

b) Location/function code..... Engine upper

c) Operation code..... Replace

d) Operation sequence number (Unit code can be shown with alphabet)
..... Intake valve
(No regular rule of code)

e) Additional code ..... One head (intake all)
(No regular rule of code)

1	11	1	L1	A
a		c		

a) Category codes and classification

Code	Category
1	Engine
2	Power drive
3	Fuel & Exhaust
4	Frame & Body
5	Steering
6	Electrical
7	Axle & Brake
8	Control system
9	-
0	Attachments

c) Operation codes and classification

Code	Operation category
1	Replace, Removal/Installation, Change
2	Overhaul
3	Adjust, Rotation
4	(Paint-related work: Top-coat)
5	Test, Inspect/diagnose, Measurment
6	(Overhaul-related work: Rebore)
7	(Overhaul-related work: Reseal)
8	(Resurface)
9	(Paint-related work: Refinish)
0	Repair, Cleaning, Air bleeding

Major service items without using spare parts
(1) Removal/Installation, (2) Adjustment,
(3) Inspection/Measurement, (4) Overhaul, (5) Other work

E: Engine, T: Transmission, D: Drive system,
B: Body and related parts

(1) Removal/Installation

Set with the parts configuration in the status of being removed from the product.

	LON	DESCRIPTION	FRT
E	1001A2	**ENGINE-REMOVAL/INSTALLATION** NOTE: HRU196 model	0.4
	1001B3	**ENGINE-REMOVAL/INSTALLATION(A)** NOTE: HRU216 model	0.6
T	2101D9	**TRANSMISSION-REMOVAL/INSTALLATION** INCLUDES: Engine-removal/installation	1.5

(2) Adjustment

	LON	DESCRIPTION	FRT
E	1113A1	**VALVE CLEARANCE-ADJUSTMENT** NOTE: For 1 product	0.3
	1163A0	**CONTROL, THROTTLE/GOVERNOR-ADJUSTMENT**	0.2
	3113A2	**CARBURETOR IDLE-ADJUSTMENT**	0.2
	8113B1	**THROTTLE CABLE-ADJUSTMENT**	0.1
B	8113B3	**CHANGE CABLE-ADJUSTMENT**	0.1
	8113B4	**ROTO-STOP CABLE-ADJUSTMENT**	0.1

(3) Inspection, Measurement, Cleaning

	LON	DESCRIPTION	FRT
E	1105A0	**ENGINE OIL-INSPECTION**	0.1
	3120A0	**AIR CLEANER-CLEANING** INCLUDES: Air cleaner-inspection	0.2
	3130A0	**SPARK ARRESTER-CLEANING** INCLUDES: Spark arrester-inspection	0.2
	6140A0	**SPARK PLUG-ADJUSTMENT/CLEANING** INCLUDES: Spark plug check NOTE: For 1 product	0.2

(4) Overhaul

Work condition: The required Measurements, inspections, adjustments, and cleaning/washing of each part are performed, including the main body removal/installation work and the replacement of defective parts.

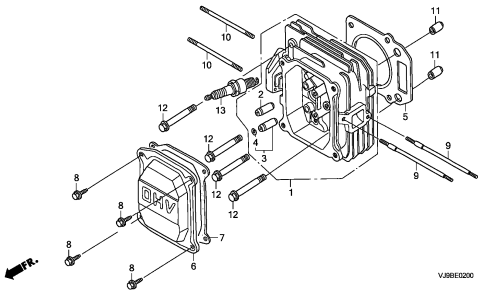
	LON	DESCRIPTION	FRT
E	3112A0	**CARBURETOR-OVERHAUL** INCLUDES: All necessary adjustment	0.6

(5) Other work

	LON	DESCRIPTION	FRT
E	1101E1	**ENGINE OIL-CHANGE** INCLUDES: Engine oil-inspection	0.1

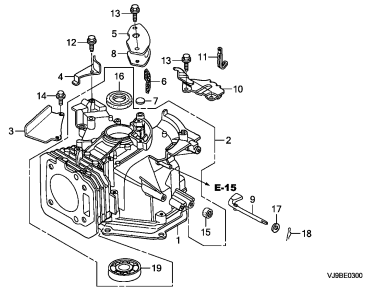
E-2 C 1

CYLINDER HEAD



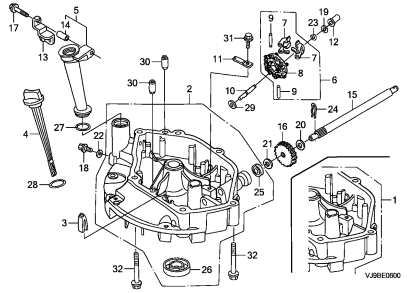
E-3 C 2

CYLINDER BARREL



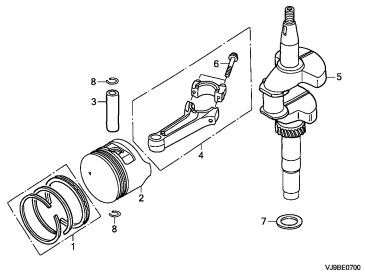
E-6 C 4

OIL PAN



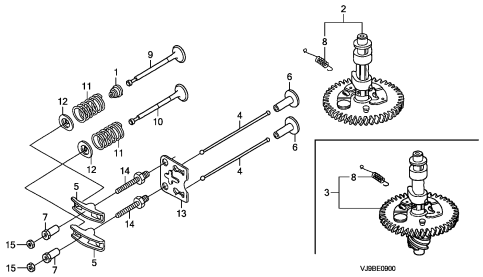
E-7 C 6

CRANKSHAFT/PISTON



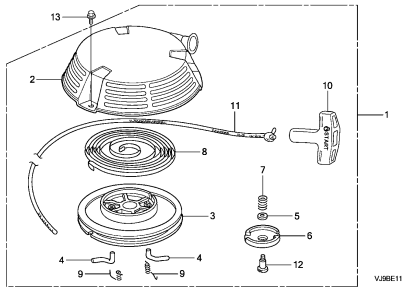
E-9 C 7

CAMSHAFT



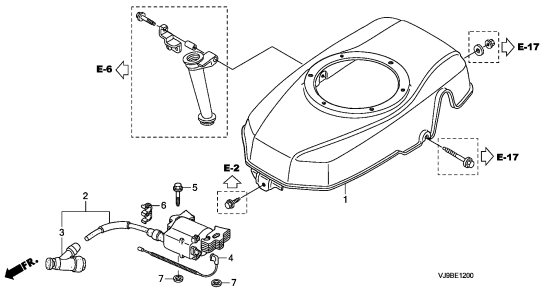
E-11 C10

RECOIL STARTER



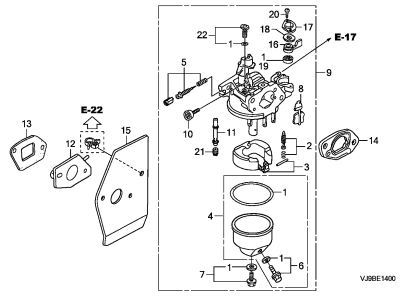
E-12 C11

FAN COVER



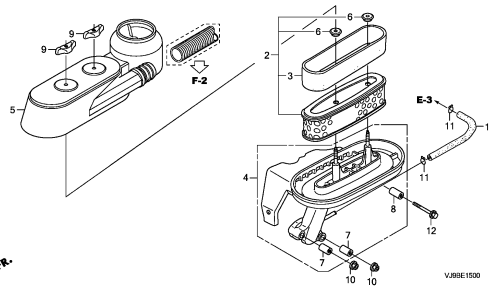
E-14 C12

CARBURETOR



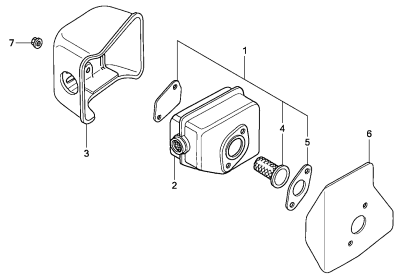
E-15 C13

AIR CLEANER



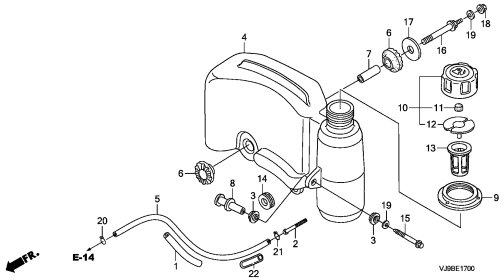
E-16 C14

MUFFLER



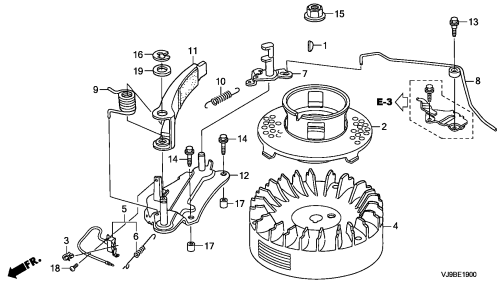
E-17 C15

FUEL TANK



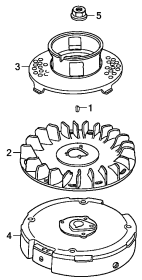
E-19 C16

FLYWHEEL(HRU196K1)



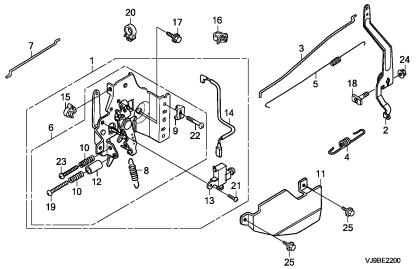
E-19-1 D 1

FLYWHEEL (HRU196M1,HRU216K2/M2)



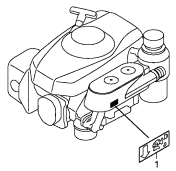
E-22 D 2

CONTROL



E-28 D 3

LABEL



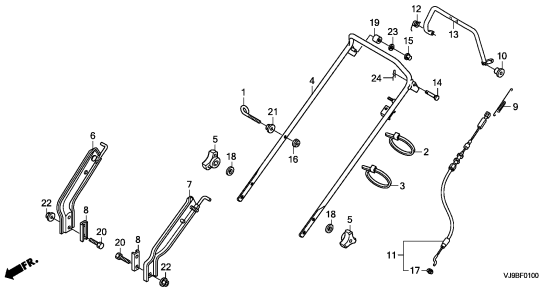
2

FRAME GROUP

B15

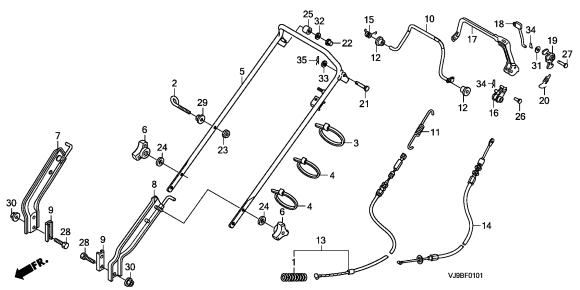
F-1 E 1

HANDLE PIPE(HRU196K1)



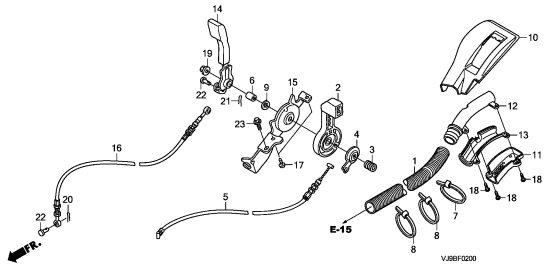
F-1-1 E 3

HANDLE PIPE (HRU196M1,HRU216K2/M2)



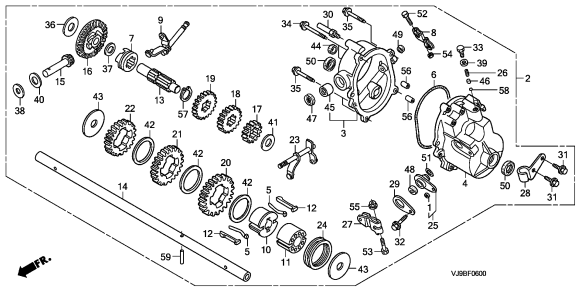
F-2 E 5

THROTTLE LEVER



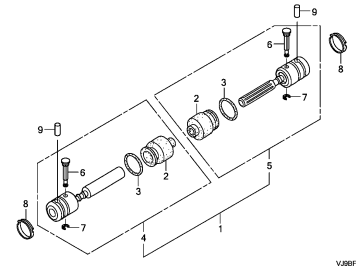
F-6 E 6

TRANSMISSION



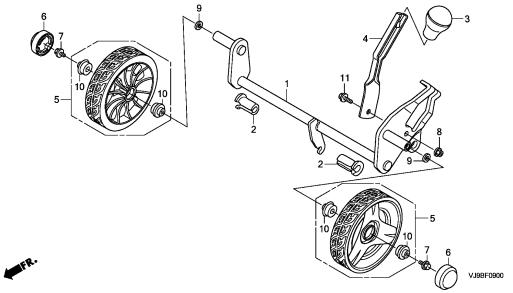
F-8 E 9

JOINT



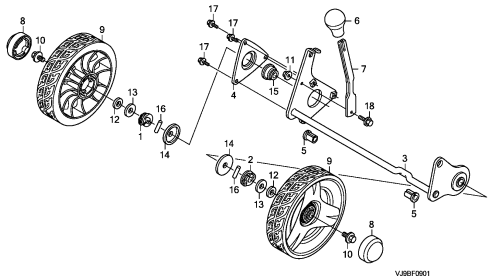
F-9 E10

REAR WHEEL(HRU196K1/M1)



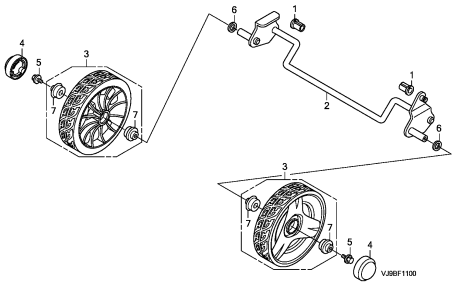
F-9-1 E11

REAR WHEEL(HRU216K2/M2)



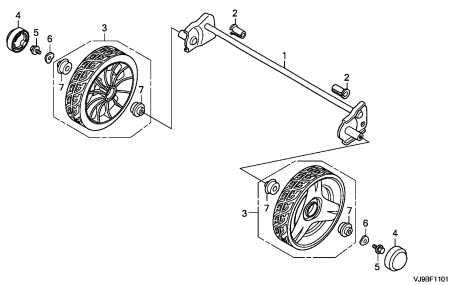
F-11 E12

FRONT WHEEL(HRU196K1/M1)



F-11-1 E13

FRONT WHEEL(HRU216K2/M2)



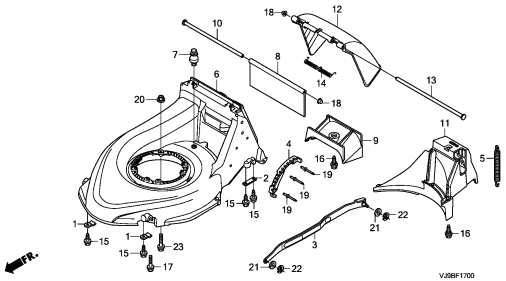
3

FRAME GROUP

B16

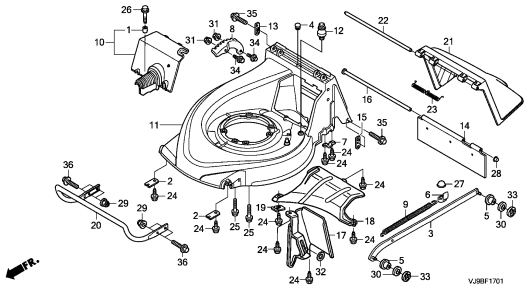
F-17 E14

CUTTER HOUSING (HRU196K1/M1)



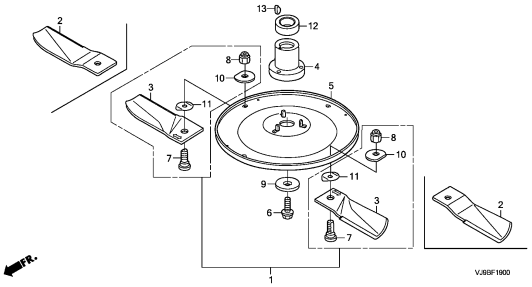
F-17-1 E16

CUTTER HOUSING (HRU216K2/M2)



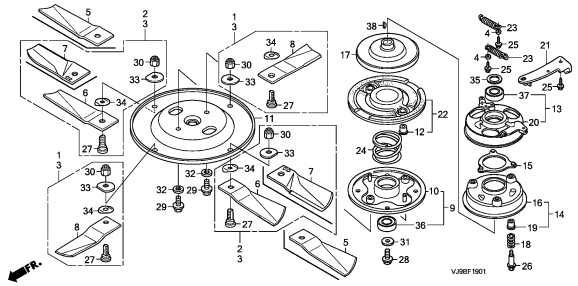
F-19 F 2

ROTARY BLADE(HRU196K1)



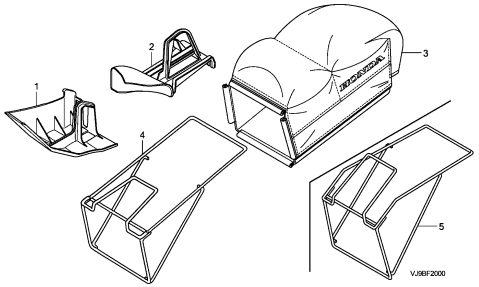
F-19-1 F 3

ROTARY BLADE
(HRU196M1,HRU216K2/M2)



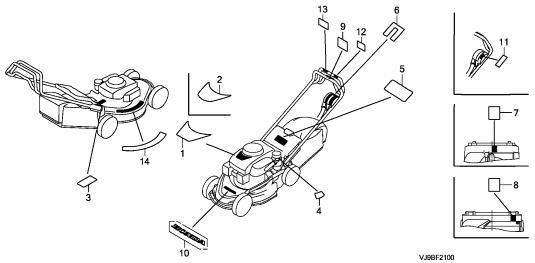
F-20 F 5

GRASS BAG

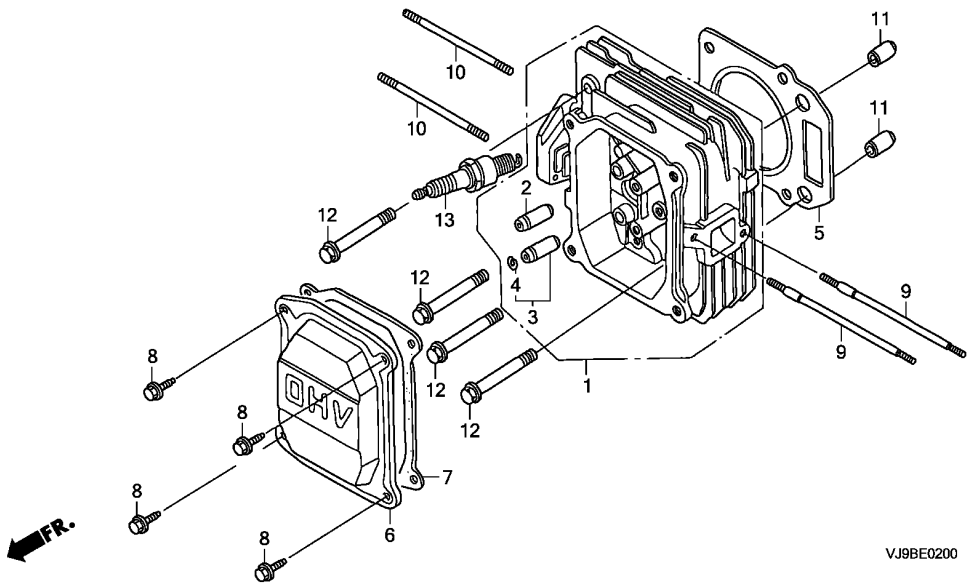


F-21 F 6

LABEL



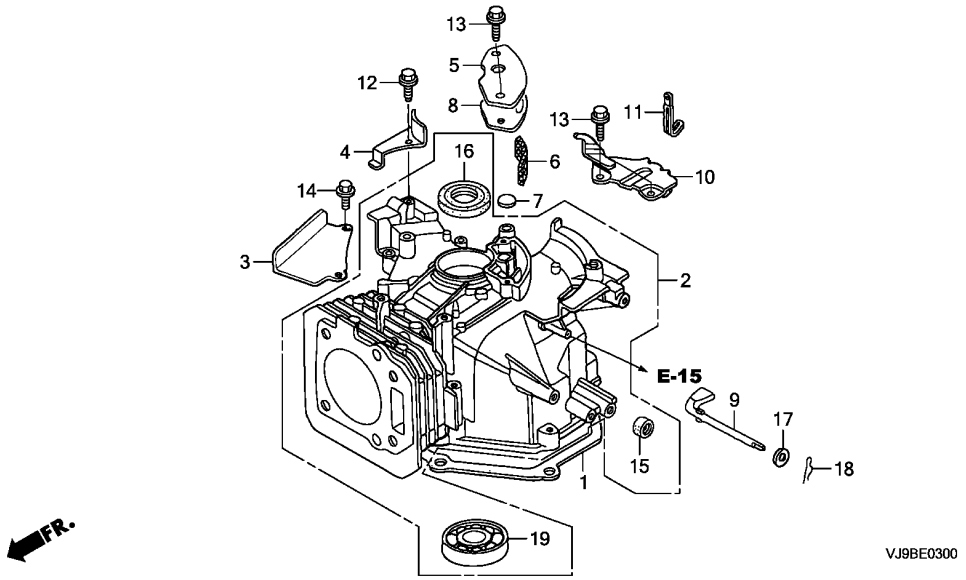
CYLINDER HEAD



Ref. No.	L.O.N.	(Relative ref. Number) Description	F.R.T.
1	1111N3	HEAD, CYLINDER ·····	1.0
		.INCLUDES: Valve clearance adjustment and reface	
2	1111E9	GUIDE, INTAKE VALVE ·····	0.8
		.INCLUDES: Valve clearance adjustment	
	1111E9E	.Replace intake and exhaust all add ·····	0.2
3	1111E8	GUIDE, EXHAUST VALVE ·····	0.8
		.INCLUDES: Valve clearance adjustment	
	1111E8E	.Replace intake and exhaust all add ·····	0.2
5	1111N4	GASKET, CYLINDER HEAD ·····	0.6
6		(7)	
	1111D5	COVER, CYLINDER HEAD AND/OR PACKING, HEAD COVER ·····	0.1
13	6141C1	PLUG, SPARK ·····	0.1
		.INCLUDES: Spark plug check	

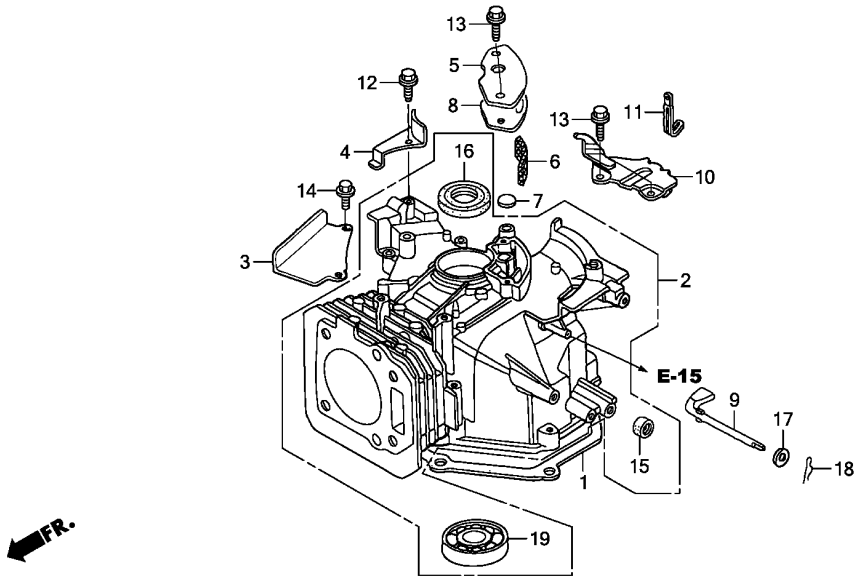
Ref. No.	Part No.	Description	Reqd. QTY HRU 196 K1	HRU 196 M1	HRU 216 K2	HRU 216 M2	Serial No.	Parts catalogue code
1	12200-ZE7-405	HEAD COMP., CYLINDER ·····	1	1	1	1		
2	12204-ZE1-306	GUIDE, IN. VALVE (OS) ·····	1	1	1	1		
3	12205-ZE1-315	GUIDE, EX. VALVE (OS) ·····	1	1	1	1		
4	12216-ZE5-300	CLIP, VALVE GUIDE ·····	1	1	1	1		
5	12251-Z1V-003	GASKET, CYLINDER HEAD ·····	1	1	1	1		
6	12311-ZG9-800	COVER, HEAD ·····	1	1	1	1		
7	12391-ZE7-M10	PACKING, HEAD COVER ·····	1	1	1	1		
8	90014-952-000	BOLT, FLANGE, 6X14(CT200) ···	4	4	4	4		
9	90043-ZE6-000	BOLT, STUD, 6X109 ·····	2	2	2	2		
10	90048-ZC3-000	BOLT, STUD, 6X85 ·····	2	2	2	2		
11	94301-10160	DOWEL PIN, 10X16 ·····	2	2	2	2		
12	95701-08050-00	BOLT, FLANGE, 8X50 ·····	4	4	4	4		
13	98079-54846	PLUG, SPARK (BPR4ES)(NGK) ···	(1)	(1)	(1)	(1)		
	98079-54855	PLUG, SPARK (W14EPR-U)(DENSO)	(1)	(1)	(1)	(1)		
	98079-55846	PLUG, SPARK (BPR5ES)(NGK) ···	1	1	1	1		
	98079-55855	PLUG, SPARK (W16EPR-U)(DENSO)	1	1	1	1		
	98079-56846	PLUG, SPARK (BPR6ES)(NGK) ···	(1)	(1)	(1)	(1)		
	98079-56855	PLUG, SPARK (W20EPR-U)(DENSO)	(1)	(1)	(1)	(1)		

CYLINDER BARREL



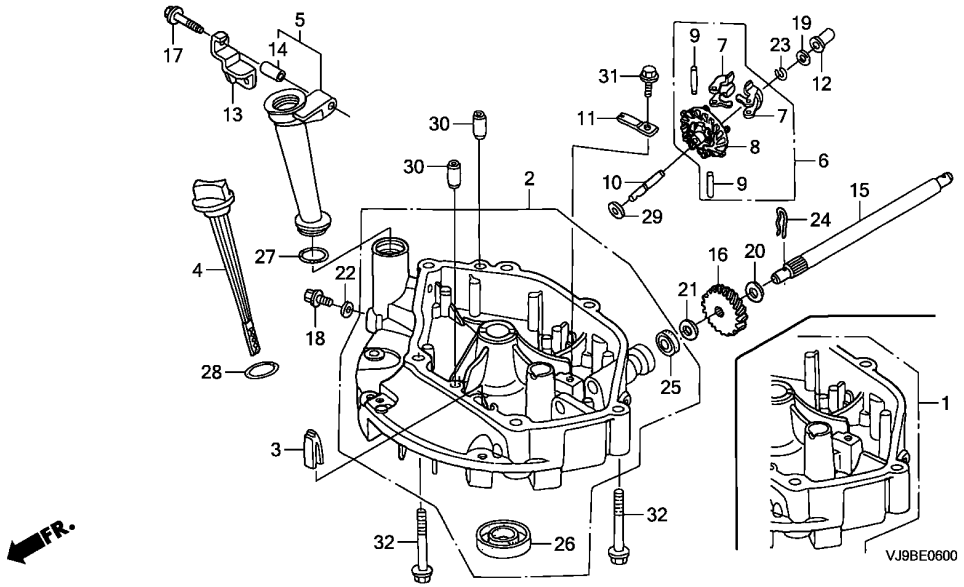
Ref. No.	L.O.N.	(Relative ref. Number) Description	F.R.T.
1	1131C2	PACKING, OIL PAN ····· .INCLUDES: Engine removal and installation .NOTE: HRU196K1 model	0.7
	1131C2B	.For the other model add ····· .NOTE: HRU196M1 model	0.3
	1131C2A	.For the other add ····· .NOTE: HRU216 model	0.5
2	1101A0	BARREL, CYLINDER ····· .INCLUDES: Engine removal and installation .NOTE: HRU196K1 model	1.9
	1101A0E	.For the other model add ····· .NOTE: HRU196M1 model	0.3
	1101A0A	.For the other add ····· .NOTE: HRU216 model	0.5
6	1111E5	FILTER, BREATHER ·····	0.4
8		(5,7)	
	1111D1	COVER, BREATHER AND/OR PACKING, BREATHER COVER ·····	0.4
16	1101E6	OIL SEAL, CRANKSHAFT :UPPER ·· .INCLUDES: Engine removal and installation .NOTE: HRU196K1 model	1.6
+	1101E6B	.For the other model add ·····	0.3

Ref. No.	Part No.	Description	Reqd. QTY HRU 196 K1	HRU 196 M1	HRU 216 K2	HRU 216 M2	Serial No.	Parts catalogue code
1	11381-ZE7-M10	PACKING, OIL PAN ·····	1	1	1	1		
2	12000-Z1V-405	BARREL ASSY., CYLINDER ·····	1	–	–	–		
	12000-Z2J-405	·····	–	1	1	1		
3	12125-Z1V-000	PLATE, GUIDE ·····	–	1	1	1		
4	12126-Z1V-800	PLATE A, GUIDE ·····	1	–	–	–		
	12126-Z1V-000	·····	–	1	1	1		
5	12355-Z1V-000	COVER COMP., BREATHER ·····	1	1	1	1		
6	12367-883-003	FILTER, BREATHER ·····	1	1	1	1		
7	12372-ZE7-000	VALVE, BREATHER ·····	1	1	1	1		
8	12373-ZE7-000	PACKING, BREATHER COVER ·····	1	1	1	1		
9	16541-ZE7-000	SHAFT, GOVERNOR ARM ·····	1	1	1	1		
10	17560-Z1V-000	STAY COMP., TANK ·····	1	1	1	1		
11	90010-GE0-710	CLIP, TUBE ·····	1	–	–	–		
12	90013-883-000	BOLT, FLANGE, 6X12(CT200) ···	1	1	1	1		
13	90014-952-000	BOLT, FLANGE, 6X14(CT200) ···	3	4	4	4		
14	90022-888-010	BOLT, FLANGE, 6X20(CT200) ···	–	2	2	2		
15	91231-Z1V-003	OIL SEAL, 6X11X4(ARAI) ·····	1	1	1	1		
16	91251-Z1V-003	OIL SEAL, 25X38X7(ARAI) ·····	1	1	1	1		
17	94101-06800	WASHER, PLAIN, 6MM ·····	1	1	1	1		
18	94251-08000	PIN, LOCK, 8MM ·····	1	1	1	1		
19	96100-62050-00	BEARING, RADIAL BALL, 6205 ··	1	1	1	1		



Ref. No.	L.O.N.	(Relative ref. Number) Description	F.R.T.
+16		.NOTE: HRU196M1 model	
	1101E6A	.For the other add ----------	0.5
		.NOTE: HRU216 model	
19	1101J6	BEARING, CRANKSHAFT :UPPER ---	1.6
		.INCLUDES: Engine removal and installation	
		.NOTE: HRU196K1 model	
	1101J6B	.For the other model add -----	0.3
		.NOTE: HRU196M1 model	
	1101J6A	.For the other add ----------	0.5
		.NOTE: HRU216 model	

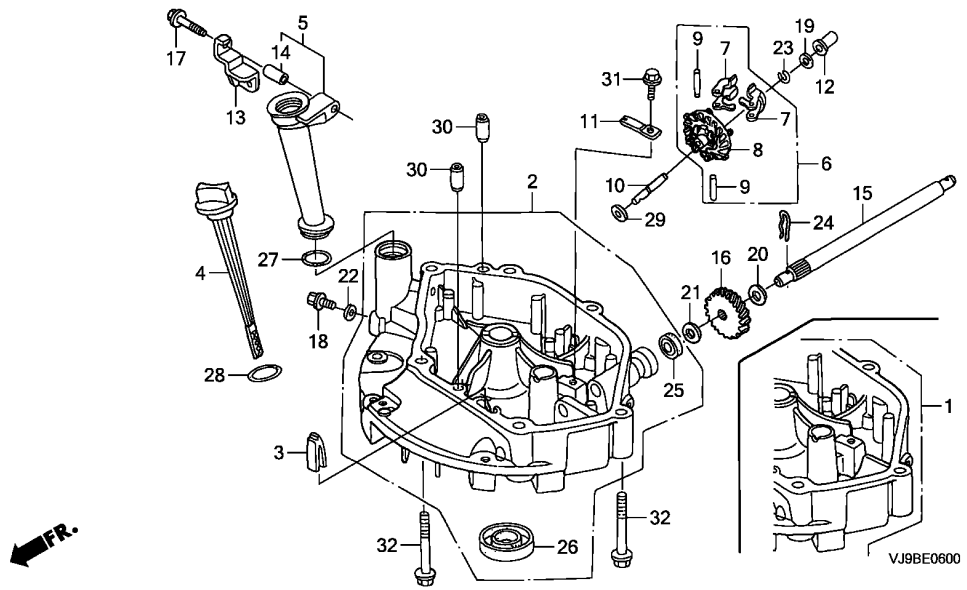
2



Ref. No.	L.O.N.	(Relative ref. Number) Description	F.R.T.
2		(1)	
	1131C1	PAN, OIL ·····	0.8
		.INCLUDES: Engine removal and installation	
		.NOTE: HRU196K1 model	
	1131C1B	.For the other model add ·····	0.3
		.NOTE: HRU196M1 model	
	1131C1A	.For the other add ·····	0.5
		.NOTE: HRU216 model	
5		(27)	
	1101B9	EXTENSION, OIL FILLER AND/OR PACKING, OIL FILLER EXTENSION	0.1
8		(7,9)	
	1161A7	HOLDER, GOVERNOR WEIGHT ·····	0.8
		.INCLUDES: Engine removal and installation	
		.NOTE: HRU196K1 model	
	1161A7D	.For the other model add ·····	0.3
		.NOTE: HRU196M1 model	
	1161A7B	.For the other add ·····	0.5
		.NOTE: HRU216 model	
15	2131J5	SHAFT, DRIVE ·····	1.2
		.INCLUDES: Engine removal and installation	
+16	2131D5	GEAR, DRIVEN ·····	1.2

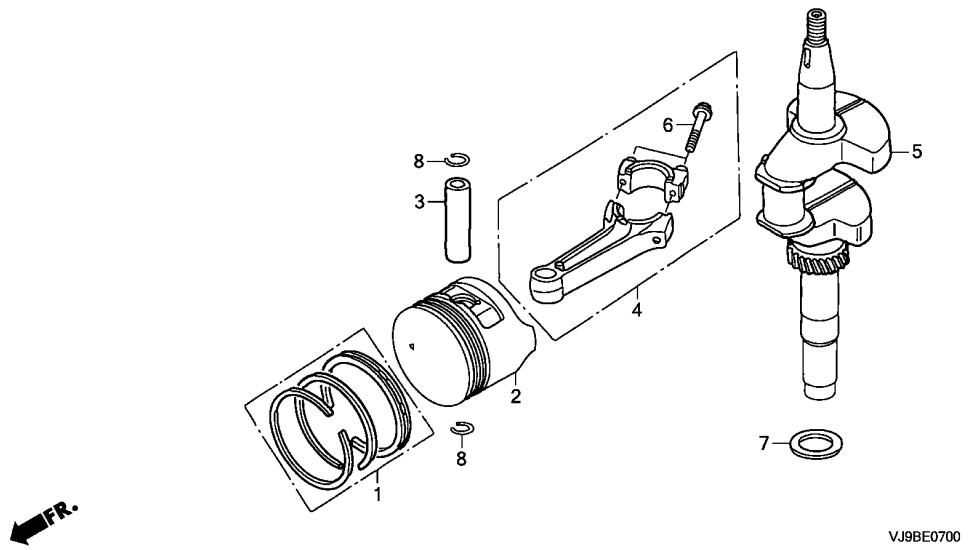
Ref. No.	Part No.	Description	Reqd. QTY HRU 196 K1	HRU 196 M1	HRU 216 K2	HRU 216 M2	Serial No.	Parts catalogue code
1	11300-Z1V-406	PAN ASSY., OIL ·····	1	-	-	-		
	11300-Z1V-409	·····	-	1	-	-		
2	11300-Z1V-407	PAN ASSY., OIL ·····	-	-	1	1		
3	15335-ZE7-000	RUBBER, OIL RETURN ·····	1	1	1	1		
4	15620-ZE6-810	GAUGE COMP., OIL LEVEL ·····	1	1	1	1		
5	15630-ZE6-810	EXTENSION, OIL FILLER ·····	1	1	1	1		
6	16510-ZE6-000	GOVERNOR ASSY. ·····	1	1	1	1		
7	16511-ZE1-000	WEIGHT, GOVERNOR ·····	2	2	2	2		
8	16512-ZE6-000	HOLDER, GOVERNOR WEIGHT ·····	1	1	1	1		
9	16513-ZE1-000	PIN, GOVERNOR WEIGHT ·····	2	2	2	2		
10	16515-ZE6-010	SHAFT, GOVERNOR HOLDER ·····	1	1	1	1		
11	16525-ZE6-010	PLATE, GOVERNOR SHAFT HOLDER	1	1	1	1		
12	16531-Z1T-000	SLIDER, GOVERNOR ·····	1	1	1	1		
13	16617-Z1V-J00	HOLDER, CABLE ·····	1	-	-	-		
14	17240-ZE6-000	COLLAR, EXTENSION ·····	1	1	1	1		
15	23411-ZE7-010	SHAFT, DRIVE ·····	-	-	1	1		
16	23421-ZE6-000	GEAR, DRIVEN (22T) ·····	-	-	1	1		
17	90017-883-000	BOLT, FLANGE, 6X32 ·····	1	1	1	1		
18	90131-ZE1-000	BOLT, DRAIN PLUG ·····	1	1	1	1		
19	90451-ZE1-000	WASHER, THRUST, 6MM ·····	1	1	1	1		
20	90452-166-600	WASHER, THRUST, 12MM ·····	-	-	1	1		
21	90452-187-000	WASHER, 10X21 ·····	-	-	1	1		
22	90601-ZE1-000	WASHER, DRAIN PLUG, 10.2MM ··	1	1	1	1		
23	90602-ZE1-000	CLIP, GOVERNOR HOLDER ·····	1	1	1	1		
24	90701-ZE6-000	PIN, LOCK, 2.0 ·····	-	-	1	1		

OIL PAN



Ref. No.	L.O.N.	(Relative ref. Number) Description	F.R.T.
+16		.INCLUDES: Engine removal and installation	
25	1101C3	OIL SEAL, DRIVE SHAFT ·····	1.3
		.INCLUDES: Engine removal and installation	
26	1101E7	OIL SEAL, CRANKSHAFT :LOWER ··	0.7
		.INCLUDES: Engine removal and installation	
		.NOTE: HRU196K1 model	
	1101E7B	.For the other model add ·····	0.3
		.NOTE: HRU196M1 model	
	1101E7A	.For the other add ·····	0.5
		.NOTE: HRU216 model	

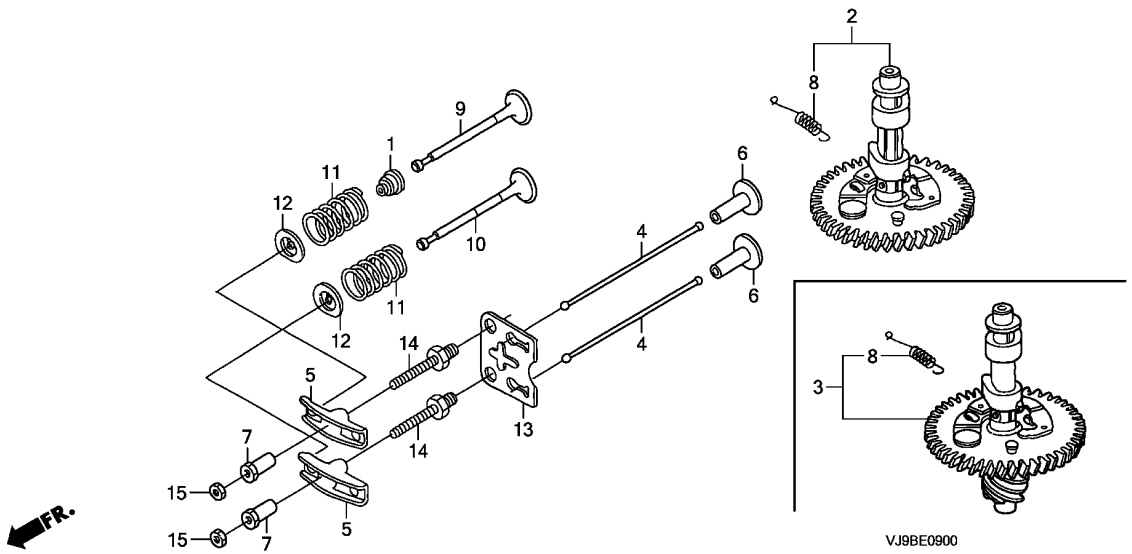
Ref. No.	Part No.	Description	Reqd. QTY HRU 196 K1	HRU 196 M1	HRU 216 K2	HRU 216 M2	Serial No.	Parts catalogue code
25	91205-Z1V-003	OIL SEAL, 12X20X6.5 ·····	-	-	1	1		
26	91252-Z1V-003	OIL SEAL, 25.4X40X7 ·····	1	1	1	1		
27	91301-Z1V-003	O-RING, 22.1X2.2 ·····	1	1	1	1		
28	91302-Z1V-003	O-RING, 25.5X3 ·····	1	1	1	1		
29	94101-06800	WASHER, PLAIN, 6MM ·····	1	1	1	1		
30	94301-08140	DOWEL PIN, 8X14 ·····	2	2	2	2		
31	95701-06012-08	BOLT, FLANGE, 6X12 ·····	1	1	1	1		
32	95701-08050-00	BOLT, FLANGE, 8X50 ·····	6	6	6	6		



Ref. No.	L.O.N.	(Relative ref. Number) Description	F.R.T.
2		(1,3,4)	
	1111R1	PISTON AND/OR RING SET AND/OR BEARING AND/OR ROD ·····	1.6
		.INCLUDES: Engine removal and installation	
		.INCLUDES: Inspection/ Measurement/Cleaning	
		.NOTE: HRU196K1 model	
	1111R1J	.For the other model add ·····	0.3
		.NOTE: HRU196M1 model	
	1111R1E	.For the other add ·····	0.5
		.NOTE: HRU216 model	
5	1101F0	CRANKSHAFT ·····	1.5
		.INCLUDES: Engine removal and installation	
		.NOTE: HRU196K1 model	
	1101F0F	.For the other model add ·····	0.3
		.NOTE: HRU196M1 model	
	1101F0A	.For the other add ·····	0.5
		.NOTE: HRU216 model	

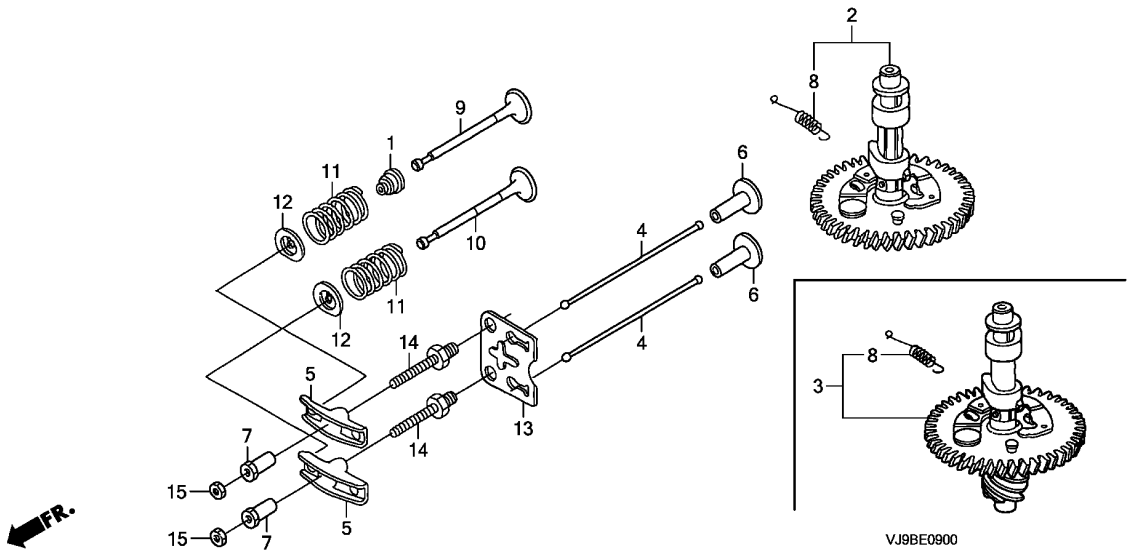
Ref. No.	Part No.	Description	Reqd. QTY HRU 196 K1	HRU 196 M1	HRU 216 K2	HRU 216 M2	Serial No.	Parts catalogue code
1	13010-Z4K-004	RING SET, PISTON (STD.) (TEIKOKU)	1	1	1	1		
	13010-Z4P-003	RING SET, PISTON (STD.)(RIKEN)	1	1	1	1		
	13011-Z4K-004	RING SET, PISTON (0.25) (TEIKOKU)	(1)	(1)	(1)	(1)		
	13011-Z4P-003	RING SET, PISTON (0.25)(RIKEN)	(1)	(1)	(1)	(1)		
	13012-Z4K-004	RING SET, PISTON (0.50) (TEIKOKU)	(1)	(1)	(1)	(1)		
	13012-Z4P-003	RING SET, PISTON (0.50)(RIKEN)	(1)	(1)	(1)	(1)		
	13013-Z4K-004	RING SET, PISTON (0.75) (TEIKOKU)	(1)	(1)	(1)	(1)		
	13013-Z4P-003	RING SET, PISTON (0.75)(RIKEN)	(1)	(1)	(1)	(1)		
2	13101-ZH8-020	PISTON (STD.) ·····	1	1	1	1		
	13101-Z1T-010	PISTON (STD.)(JIALING-HONDA)	1	1	1	1		
	13102-ZH8-020	PISTON (0.25) ·····	(1)	(1)	(1)	(1)		
	13103-ZH8-020	PISTON (0.50) ·····	(1)	(1)	(1)	(1)		
	13104-ZH8-020	PISTON (0.75) ·····	(1)	(1)	(1)	(1)		
3	13111-Z1T-000	PIN, PISTON ·····	1	1	1	1		
4	13200-Z1V-000	ROD ASSY., CONNECTING ·····	1	1	1	1		
5	13310-ZE7-771	CRANKSHAFT COMP. ·····	1	1	1	1		
6	90001-ZE1-000	BOLT, CONNECTING ROD ·····	2	2	2	2		
7	90401-ZE7-W00	WASHER, THRUST, 25.6MM ·····	1	1	1	1		
8	90551-ZE1-000	CLIP, PISTON PIN, 18MM ·····	2	2	2	2		

CAMSHAFT

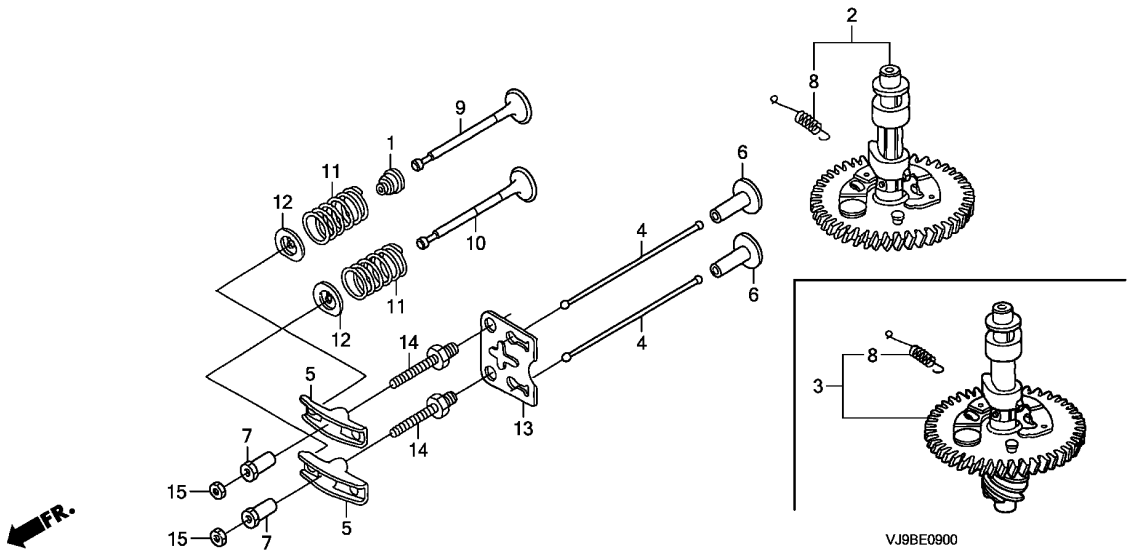


Ref. No.	L.O.N.	(Relative ref. Number) Description	F.R.T.
1	1111K2	SEAL, INTAKE VALVE STEM ------	0.6
		.INCLUDES: Valve clearance adjustment	
2		(3)	
	1111C2	CAMSHAFT -------------------	1.0
		.INCLUDES: Engine removal and installation	
		.INCLUDES: Valve clearance adjustment	
		.NOTE: HRU196K1 model	
	1111C2F	.For the other model add -----	0.3
		.NOTE: HRU196M1 model	
	1111C2B	.For the other add ----------	0.5
		.NOTE: HRU216 model	
4	1111L6	ROD, PUSH :INTAKE ----------	0.2
		.INCLUDES: Valve clearance adjustment	
	1111L6A	.Replace exhaust push rod add	0.1
	1111L7	ROD, PUSH :EXHAUST ----------	0.2
		.INCLUDES: Valve clearance adjustment	
	1111L7A	.Replace intake push rod add -	0.1
5	1111A2	ARM, ROCKER :INTAKE ---------	0.2
+		.INCLUDES: Valve clearance adjustment	

Ref. No.	Part No.	Description	Reqd. QTY HRU 196 K1	HRU 196 M1	HRU 216 K2	HRU 216 M2	Serial No.	Parts catalogue code
1	12209-ZE6-003	SEAL, VALVE STEM ----------	1	1	1	1		
2	14100-ZE7-000	CAMSHAFT ASSY. ------------	1	–	–	–		
3	14100-ZE7-770	CAMSHAFT ASSY. ------------	–	1	1	1		
4	14410-ZE1-010	ROD, PUSH -----------------	2	2	2	2		
5	14431-ZE1-000	ARM, VALVE ROCKER ----------	2	2	2	2		
6	14441-ZE1-010	LIFTER, VALVE -------------	2	2	2	2		
7	14451-ZE1-013	PIVOT, ROCKER ARM ----------	2	2	2	2		
8	14568-ZE1-000	SPRING, WEIGHT RETURN ------	1	1	1	1		
9	14711-ZF1-000	VALVE, IN. ----------------	1	1	1	1		
10	14721-ZE7-000	VALVE, EX. ----------------	1	1	1	1		
11	14751-ZE1-000	SPRING, VALVE -------------	2	2	2	2		
12	14771-ZE1-000	RETAINER, IN. VALVE SPRING --	2	2	2	2		
13	14791-ZE1-010	PLATE, PUSH ROD GUIDE ------	1	1	1	1		
14	90012-ZE0-010	BOLT, PIVOT, 8MM ----------	2	2	2	2		
15	90206-ZE1-000	NUT, PIVOT ADJUSTING ------	2	2	2	2		

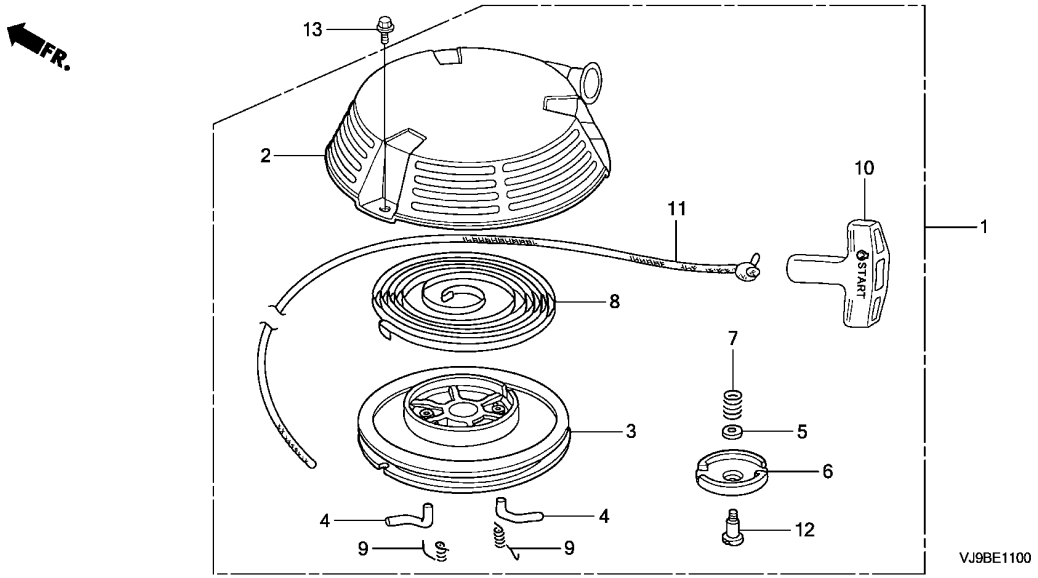


Ref. No.	L.O.N.	(Relative ref. Number) Description	F.R.T.
+ 5	1111A2A	.Replace exhaust rocker arm add ·····	0.1
	1111A1	ARM, ROCKER :EXHAUST ····· .INCLUDES: Valve clearance adjustment	0.2
	1111A1A	.Replace intake rocker arm add	0.1
6	1111L9	LIFTER, VALVE :INTAKE ····· .INCLUDES: Engine removal and installation .INCLUDES: Valve clearance adjustment .NOTE: Same time for two units .NOTE: HRU196K1 model	1.0
	1111L9F	.For the other model add ····· .NOTE: HRU196M1 model	0.3
	1111L9B	.For the other add ····· .NOTE: HRU216 model	0.5
	1111MO	LIFTER, VALVE :EXHAUST ····· .INCLUDES: Engine removal and installation .INCLUDES: Valve clearance adjustment .NOTE: Same time for two units .NOTE: HRU196K1 model	1.0
+	1111MOF	.For the other model add ·····	0.3



Ref. No.	L.O.N.	(Relative ref. Number) Description	F.R.T.
+ 6		.NOTE: HRU196M1 model	
	1111MOB	.For the other add ----------	0.5
		.NOTE: HRU216 model	
9	1111L1	VALVE, INTAKE ----------	0.7
		.INCLUDES: Valve clearance adjustment and reface	
	1111L1E	.Replace intake and exhaust all add ----------	0.1
10	1111LO	VALVE, EXHAUST ----------	0.7
		.INCLUDES: Valve clearance adjustment and reface	
	1111LOE	.Replace intake and exhaust all add ----------	0.1
11	1111P3	SPRING, VALVE :INTAKE --------	0.6
		.INCLUDES: Valve clearance adjustment	
	1111P3A	.Replace intake and exhaust all add ----------	0.1
	1111P4	SPRING, VALVE :EXHAUST -------	0.6
		.INCLUDES: Valve clearance adjustment	
	1111P4A	.Replace intake and exhaust all add ----------	0.1

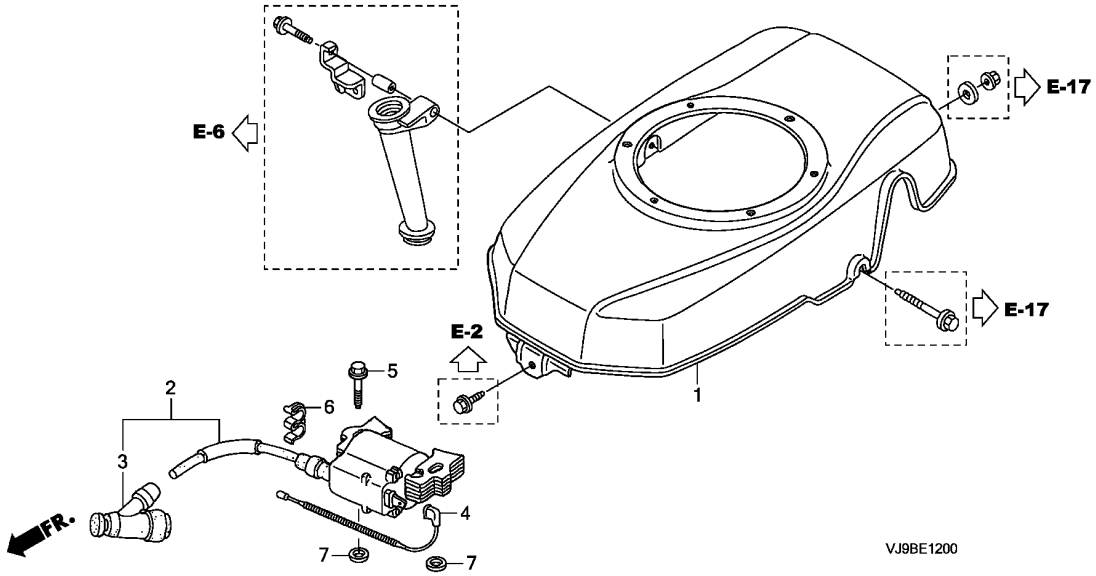
RECOIL STARTER



Ref. No.	L.O.N.	(Relative ref. Number) Description	F.R.T.
1	1121B9	STARTER, RECOIL ----------	0.1
3	1121B1	REEL, RECOIL STARTER ----------	0.3
8	1121B7	SPRING, RECOIL STARTER RETURN	0.3
11	1121B3	ROPE, RECOIL STARTER ----------	0.3

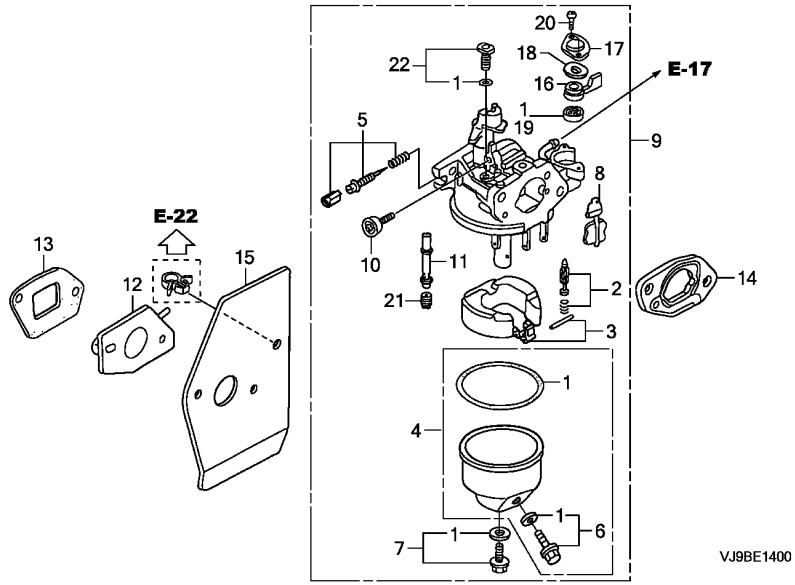
Ref. No.	Part No.	Description	Reqd. QTY HRU 196 K1	HRU 196 M1	HRU 216 K2	HRU 216 M2	Serial No.	Parts catalogue code
1	28400-Z1V-802ZB	STARTER ASSY., RECOIL (LONG ROPE) *R280*.....POWER RED	1	1	1	1		
2	28410-Z1V-003ZA	CASE COMP., RECOIL STARTER *R280*.....POWER RED	1	1	1	1		
3	28420-Z1V-003	REEL, RECOIL STARTER (BLACK)	1	1	1	1		
4	28422-ZH8-801	RATCHET, STARTER ----------	2	2	2	2		
5	28431-ZH8-801	PLATE, FRICTION ----------	1	1	1	1		
6	28433-ZH8-801	GUIDE, RATCHET ----------	1	1	1	1		
7	28441-ZH8-801	SPRING, FRICTION ----------	1	1	1	1		
8	28442-ZH8-003	SPRING, RECOIL STARTER ------	1	1	1	1		
9	28443-ZH8-801	SPRING, RETURN ----------	2	2	2	2		
10	28461-ZE1-013	KNOB, RECOIL STARTER --------	1	1	1	1		
11	28462-Z1V-801	ROPE, RECOIL STARTER (LONG) (2360MM)	1	1	1	1		
12	90003-ZH8-801	SCREW, SETTING ----------	1	1	1	1		
13	95701-06008-00	BOLT, FLANGE, 6X8 ----------	3	3	3	3		

FAN COVER



Ref. No.	L.O.N.	(Relative ref. Number) Description	F.R.T.
1	1141G8	COVER, ENGINE COOLING FAN ----	0.2
2	6141A5	COIL, IGNITION(ONE) ----------	0.2
3	6141B8	TERMINAL, HIGH TENSION -------	0.1

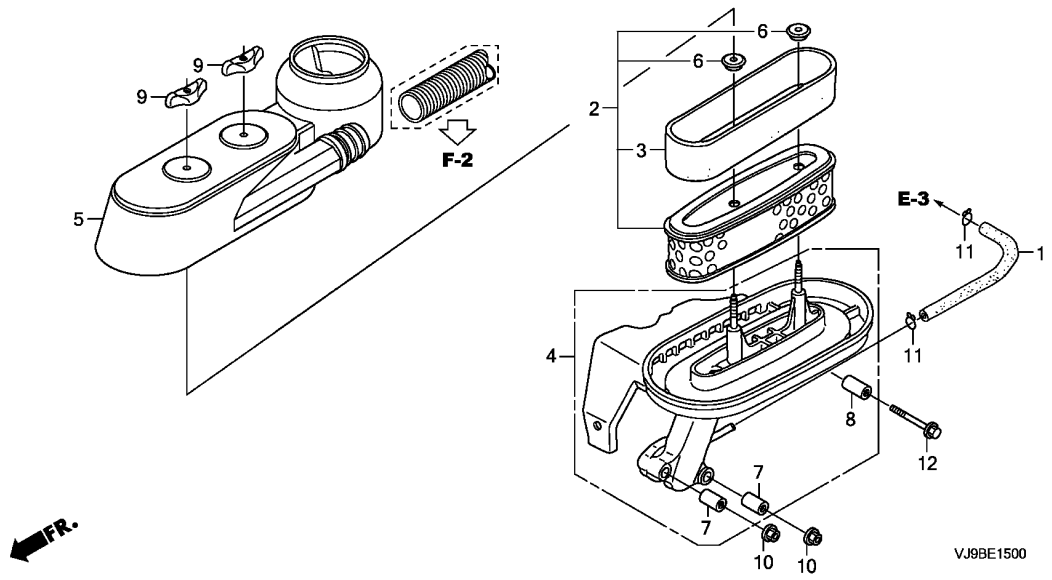
Ref. No.	Part No.	Description	Reqd. QTY HRU 196 K1	HRU 196 M1	HRU 216 K2	HRU 216 M2	Serial No.	Parts catalogue code
1	19610-Z1V-000ZA	COVER COMP., FAN *R280*.....POWER RED	1	1	1	1		
2	30500-Z1V-013	COIL ASSY., IGNITION --------	1	1	1	1		
3	30700-Z1V-003	CAP ASSY., NOISE SUPPRESSOR -	1	1	1	1		
4	32195-Z1V-810	CORD, STOP SWITCH (BRAKE) ---	1	-	-	-		
5	90015-883-000	BOLT, FLANGE, 6X28(CT200) ---	2	2	2	2		
6	90505-MCT-000	CLAMP, PIPE ----------	1	-	-	-		
7	90581-Z1V-000	WASHER, PLAIN, 6MM ----------	2	2	2	2		



Ref. No.	L.O.N.	(Relative ref. Number) Description	F.R.T.
1	3111B1	GASKET SET, CARBURETOR ·····	0.3
2		(3)	
	3111E1	VALVE SET, FLOAT AND/OR FLOAT SET ·····	0.3
4	3111A3	CHAMBER SET, FLOAT AND/OR GASKET, FLOAT CHAMBER ·····	0.2
5	3111D7	SCREW SET, PILOT ·····	0.2
9	3111F3	CARBURETOR ·····	0.2
12		(13)	
	3111C0	INSULATOR, CARBURETOR AND/OR PACKING, INSULATOR ·····	0.2
14	3111D9	SPACER, CARBURETOR ·····	0.2
15	3111C8	PACKING, CARBURETOR ·····	0.2
21		(11)	
	3111C3	JET, MAIN ·····	0.3

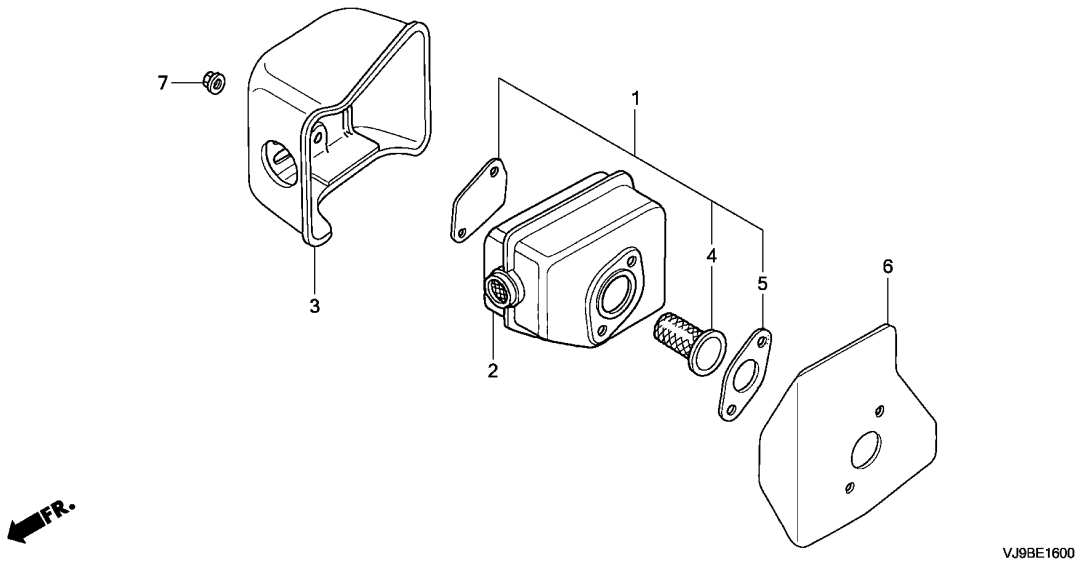
Ref. No.	Part No.	Description	Reqd. QTY HRU 196 K1	HRU 196 M1	HRU 216 K2	HRU 216 M2	Serial No.	Parts catalogue code
1	16010-ZE0-025	GASKET SET ·····	1	1	1	1		
2	16011-ZE0-005	VALVE SET, FLOAT ·····	1	1	1	1		
3	16013-Z0S-B01	FLOAT SET ·····	1	1	1	1		
4	16015-ZE0-831	CHAMBER SET, FLOAT ·····	1	1	1	1		
5	16016-ZH7-W01	SCREW SET, PILOT ·····	1	1	1	1		
6	16024-ZE1-811	SCREW SET, DRAIN ·····	1	1	1	1		
7	16028-ZE0-005	SCREW SET ·····	1	1	1	1		
8	16045-Z1V-G01	CHOKE SET ·····	1	1	1	1		
9	16100-Z1V-S22	CARBURETOR ASSY. (BE66T A) ··	1	1	1	1		
10	16124-ZE0-005	SCREW, THROTTLE STOP ·····	1	1	1	1		
11	16166-Z1V-S21	NOZZLE, MAIN ·····	1	1	1	1		
12	16211-ZE7-000	INSULATOR, CARBURETOR ·····	1	1	1	1		
13	16212-ZE7-M10	PACKING, INSULATOR ·····	1	1	1	1		
14	16220-Z1V-S20	SPACER COMP., CARBURETOR ····	1	1	1	1		
15	16221-ZE7-M11	PACKING, CARBURETOR ·····	1	1	1	1		
16	16953-ZE1-812	LEVER, COCK ·····	1	1	1	1		
17	16954-ZE1-812	PLATE, LEVER SETTING ·····	1	1	1	1		
18	16956-ZE1-811	SPRING, COCK LEVER ·····	1	1	1	1		
19	16957-ZE1-812	PACKING, FUEL COCK ·····	1	1	1	1		
20	93500-03006-1H	SCREW, PAN, 3X6 ·····	2	2	2	2		
21	99101-ZH8-0700	JET, MAIN, #70 ·····	(1)	(1)	(1)	(1)		
	99101-ZH8-0720	JET, MAIN, #72 ·····	(1)	(1)	(1)	(1)		
	99101-ZH8-0750	JET, MAIN, #75 ·····	1	1	1	1		
22	99204-ZE0-0350	JET SET, PILOT, #35 ·····	1	1	1	1		

AIR CLEANER



Ref. No.	L.O.N.	(Relative ref. Number) Description	F.R.T.
1	1111K5	TUBE, BREATHER	0.1
2	3121B8	ELEMENT, AIR CLEANER	0.1
3	3121C1	FILTER, OUTER	0.1
4	3121A5	CASE, AIR CLEANER	0.2

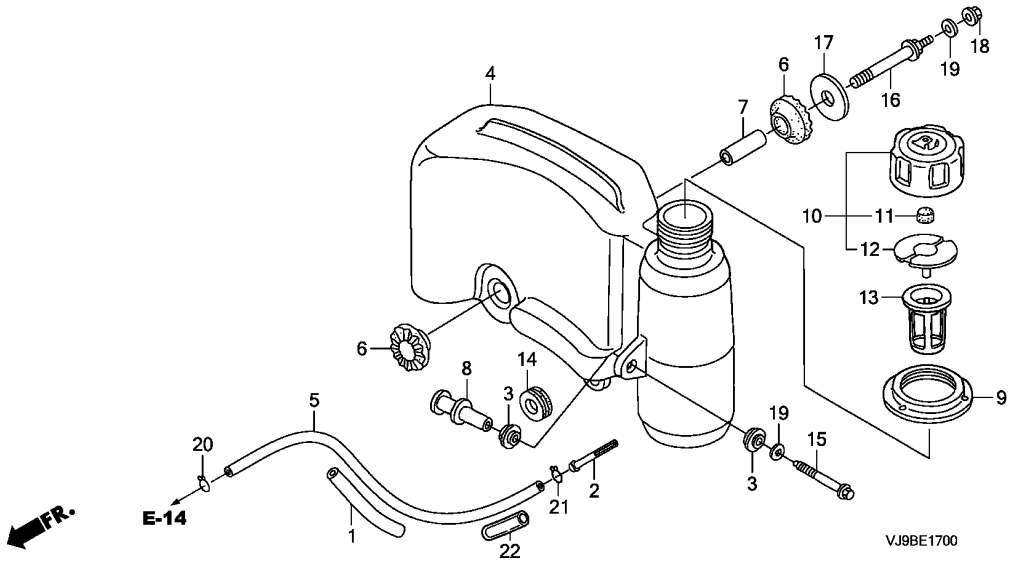
Ref. No.	Part No.	Description	Reqd. QTY HRU 196 K1	HRU 196 M1	HRU 216 K2	HRU 216 M2	Serial No.	Parts catalogue code
1	15721-ZE7-000	TUBE, BREATHER	1	1	1	1		
2	17210-Z1V-003	ELEMENT, AIR CLEANER	1	1	1	1		
3	17218-888-003	FILTER, OUTER	1	1	1	1		
4	17220-Z1V-S20	CASE COMP., AIR CLEANER	1	1	1	1		
5	17231-Z1V-S20	COVER, AIR CLEANER	1	1	1	1		
6	17232-891-000	GROMMET, AIR CLEANER	2	2	2	2		
7	17238-ZE7-710	COLLAR, AIR CLEANER	2	2	2	2		
8	17239-ZE6-300	COLLAR B, AIR CLEANER	1	1	1	1		
9	90300-Z1V-000	NUT, AIR CLEANER	2	2	2	2		
10	94050-06000	NUT, FLANGE, 6MM	2	2	2	2		
11	95002-02120	CLIP, TUBE (B12)	2	2	2	2		
12	95701-06035-00	BOLT, FLANGE, 6X35	1	1	1	1		



Ref. No.	L.O.N.	(Relative ref. Number) Description	F.R.T.
1	3131A0	ARRESTER KIT, SPARK ----------	0.2
2	3131C5	MUFFLER, EXHAUST ------------	0.2
3	3131D6	PROTECTOR, EXHAUST MUFFLER ---	0.1
4	3131A1	ARRESTER, SPARK -------------	0.2
5		(6)	
	3131B4	GASKET, EXHAUST MUFFLER ------	0.2

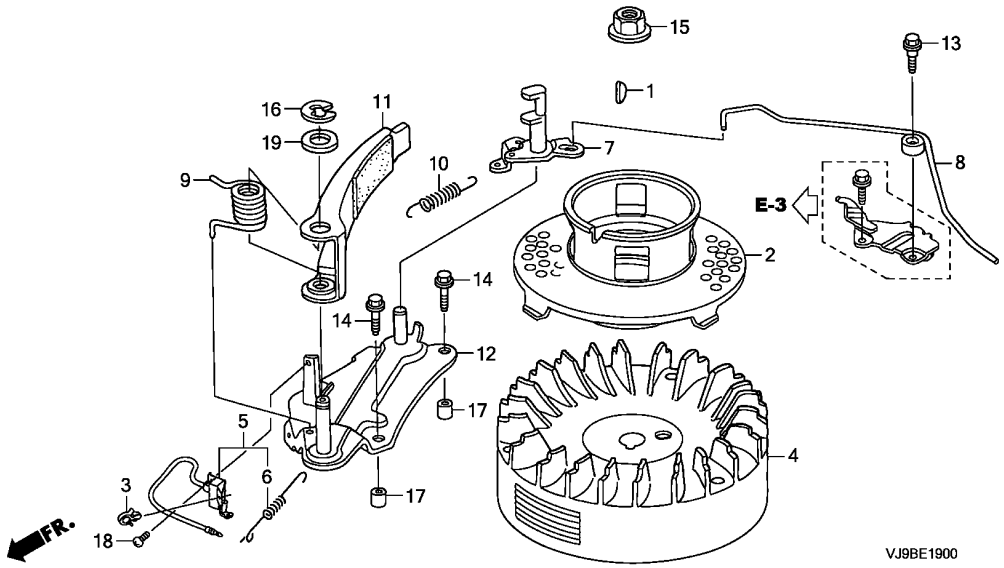
Ref. No.	Part No.	Description	Reqd. QTY HRU 196 K1	HRU 196 M1	HRU 216 K2	HRU 216 M2	Serial No.	Parts catalogue code
1	06180-ZE6-820	ARRESTER KIT, SPARK ----------	(1)	(1)	(1)	(1)		
2	18310-Z1V-000	MUFFLER COMP. ---------------	1	1	1	1		
3	18320-Z1V-010	PROTECTOR COMP., MUFFLER ----	1	1	1	1		
4	18355-888-810	ARRESTER, SPARK -------------	(1)	(1)	(1)	(1)		
5	18381-ZE6-820	GASKET, MUFFLER -------------	(1)	(1)	(1)	(1)		
6	18381-Z1V-000	GASKET, MUFFLER -------------	1	1	1	1		
7	90343-ZE6-000	NUT, SELF-LOCK, 6MM ---------	2	2	2	2		

FUEL TANK



Ref. No.	L.O.N.	(Relative ref. Number) Description	F.R.T.
2	3101H8	STRAINER, FUEL	0.2
4	3101H7	TANK, FUEL	0.2
5	3101F1	TUBE, FUEL TANK	0.3

Ref. No.	Part No.	Description	Reqd. QTY HRU 196 K1	HRU 196 M1	HRU 216 K2	HRU 216 M2	Serial No.	Parts catalogue code
1	16854-ZH8-000	RUBBER, SUPPORTER (107MM)	1	1	1	1		
2	16952-Z1V-000	STRAINER, FUEL	1	1	1	1		
3	17506-ZE7-000	RUBBER, TANK SETTING	2	2	2	2		
4	17510-Z1V-010	TANK COMP., FUEL	1	1	1	1		
5	17512-ZE7-010	TUBE, FUEL	1	1	1	1		
6	17516-896-700	RUBBER B, TANK MOUNTING	2	2	2	2		
7	17518-Z1V-000	COLLAR, TANK SET	1	1	1	1		
8	17519-Z1V-000	COLLAR COMP., TANK	1	1	1	1		
9	17532-Z1V-000	RUBBER, TANK MOUNTING	1	1	1	1		
10	17620-Z1V-000	CAP ASSY., FUEL TANK	1	1	1	1		
11	17622-888-010	SPONGE, FUEL CAP BREATHER	1	1	1	1		
12	17624-ZE7-000	PACKING, FUEL CAP	1	1	1	1		
13	17636-Z1V-010	GAUGE, FUEL LEVEL	1	1	1	1		
14	80103-MG2-000	CUSHION, RR. FENDER	1	1	1	1		
15	90014-Z1V-000	BOLT, FLANGE, 6X47(CT200)	1	1	1	1		
16	90016-Z1V-000	BOLT, TANK STAY	1	1	1	1		
17	90455-896-700	WASHER, TANK MOUNTING	1	1	1	1		
18	94050-06000	NUT, FLANGE, 6MM	1	1	1	1		
19	94103-06000	WASHER, PLAIN, 6MM	2	2	2	2		
20	95002-02080	CLIP, TUBE (B8)	1	1	1	1		
21	95002-70000	CLIP, TUBE (C11)	1	1	1	1		
22	95003-25003-20	TUBE, VINYL, 9X11X30 (95003-25001-10M)	1	1	1	1		

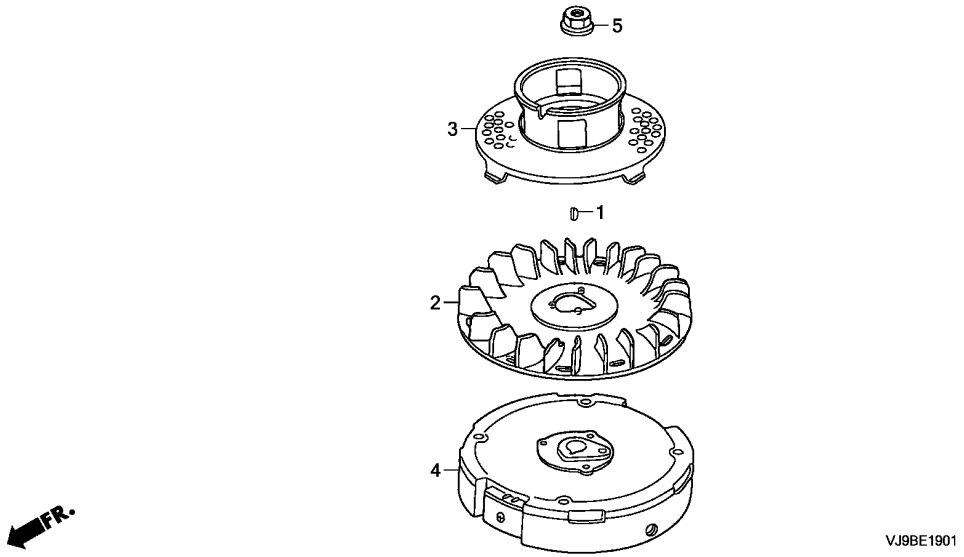


Ref. No.	L.O.N.	(Relative ref. Number) Description	F.R.T.
2	1121A9	PULLEY, RECOIL STARTER -------	0.2
4	2161B5	FLYWHEEL ----------	0.3
5	6151D9	SWITCH, ENGINE STOP ----------	0.3
11		(7,9,10)	
	216130	SHOE, FLYWHEEL BRAKE ---------	0.4

Ref. No.	Part No.	Description	Reqd. QTY HRU 196 K1	HRU 196 M1	HRU 216 K2	HRU 216 M2	Serial No.	Parts catalogue code
1	13331-357-000	KEY, SPECIAL WOODRUFF, 25X18	1	-	-	-		
2	28450-Z1V-000	PULLEY COMP., STARTER -------	1	-	-	-		
3	30701-883-000	CLIP, HIGH TENSION CORD (8MM)	1	-	-	-		
4	31110-Z1V-810	FLYWHEEL COMP. (BRAKE) ------	1	-	-	-		
5	35120-Z1V-811	SWITCH ASSY., ENGINE STOP (BRAKE)	1	-	-	-		
6	35129-Z1V-811	SPRING, SWITCH CONTROL ------	1	-	-	-		
7	43140-Z1V-000	CAM COMP., BRAKE -----------	1	-	-	-		
8	43145-ZE7-003	ROD, THROTTLE RETURN --------	1	-	-	-		
9	75112-ZE6-000	SPRING, BRAKE -------------	1	-	-	-		
10	75113-ZE6-000	SPRING, BRAKE RETURN --------	1	-	-	-		
11	75120-ZE6-013	BRAKE COMP. ----------------	1	-	-	-		
12	75130-ZE7-000	BASE COMP., BRAKE ----------	1	-	-	-		
13	90015-ZE6-000	BOLT, FLANGE, 6MM ----------	1	-	-	-		
14	90018-ZE1-000	BOLT, FLANGE, 6X23(CT200) ---	2	-	-	-		
15	90201-Z1T-000	NUT, SPECIAL, 14MM ----------	1	-	-	-		
16	90653-723-000	E-RING, 10MM ---------------	1	-	-	-		
17	90702-ZE6-000	DOWEL PIN, 8X9 -------------	2	-	-	-		
18	93500-04008-0A	SCREW, PAN, 4X8 ------------	1	-	-	-		
19	94102-12800	WASHER, PLAIN, 12MM ---------	1	-	-	-		

E-19-1 FLYWHEEL (HRU196M1,HRU216K2/M2)

D 1



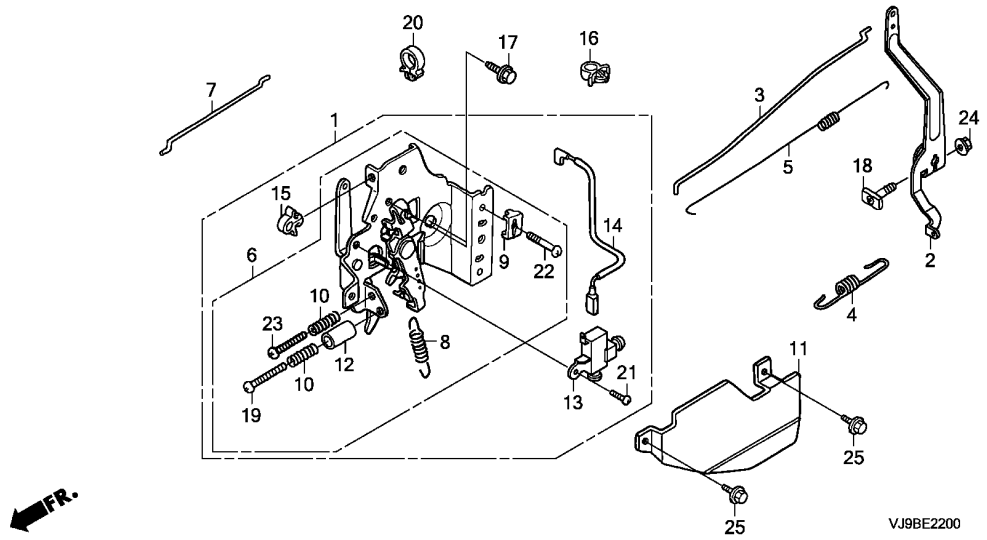
Ref. No.	L.O.N.	(Relative ref. Number) Description	F.R.T.
2	1141G7	FAN, ENGINE COOLING ----------	0.2
3	1121A9	PULLEY, RECOIL STARTER -------	0.2
4	2161B5	FLYWHEEL --------------------	0.3

Ref. No.	Part No.	Description	Reqd. QTY HRU 196 K1	HRU 196 M1	HRU 216 K2	HRU 216 M2	Serial No.	Parts catalogue code
1	13331-357-000	KEY, SPECIAL WOODRUFF, 25X18	-	1	1	1		
2	19511-Z1T-000	FAN, COOLING ----------	-	1	1	1		
3	28450-Z1V-000	PULLEY COMP., STARTER -------	-	1	1	1		
4	31110-Z1V-003	FLYWHEEL COMP. ----------	-	1	1	1		
5	90201-Z1T-000	NUT, SPECIAL, 14MM ----------	-	1	1	1		

2

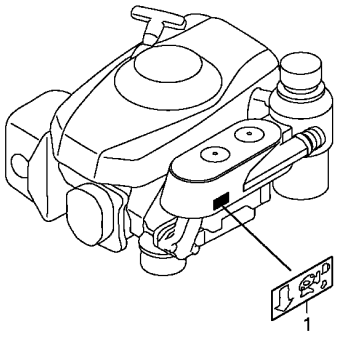
E-22 CONTROL

D 2



Ref. No.	L.O.N.	(Relative ref. Number) Description	F.R.T.
2	1161A0	ARM, GOVERNOR	0.3
3	1161B1	ROD, GOVERNOR	0.2
4	1161C5	SPRING, GOVERNOR	0.2
5	1161C2	SPRING, THROTTLE RETURN	0.3
6	1161A5	CONTROL, THROTTLE/GOVERNOR	0.3
7	8101R5	ROD, GOVERNOR CHOKE CONTROL	0.2
8	1161C0	SPRING, LEVER	0.2
13	6151D9	SWITCH, ENGINE STOP	0.2
14	6111B3	CORD, STOP SWITCH	0.2

Ref. No.	Part No.	Description	Reqd. QTY HRU 196 K1	HRU 196 M1	HRU 216 K2	HRU 216 M2	Serial No.	Parts catalogue code
1	16500-ZE7-W31	CONTROL ASSY.	-	1	1	1		
2	16551-ZE7-000	ARM, GOVERNOR	1	1	1	1		
3	16555-ZE7-000	ROD, GOVERNOR	1	1	1	1		
4	16561-ZE7-020	SPRING, GOVERNOR	1	1	1	1		
5	16562-ZE6-000	SPRING, THROTTLE RETURN	1	1	1	1		
6	16570-ZE7-W10	CONTROL COMP.	1	1	1	1		
7	16573-ZE7-000	ROD, CHOKE	1	1	1	1		
8	16576-ZE7-300	SPRING, LEVER	1	1	1	1		
9	16576-891-000	HOLDER, CABLE	1	1	1	1		
10	16584-883-300	SPRING, CONTROL ADJUSTING	2	2	2	2		
11	16585-Z1V-J30	PROTECTOR, CONTROL	1	-	-	-		
	16585-ZE7-000		-	1	1	1		
12	16599-ZG1-M10	COLLAR, STOPPER	1	1	1	1		
13	36100-ZE7-013	SWITCH ASSY., ENGINE STOP	-	1	1	1		
14	36101-ZE7-020	CORD, STOP SWITCH	-	1	1	1		
15	36103-ZE1-000	HOLDER, STOP SWITCH CORD	-	1	1	1		
16	46392-SC2-003	CLAMP, BRAKE PIPE (GRAY)	-	1	1	1		
17	90013-883-000	BOLT, FLANGE, 6X12(CT200)	2	2	2	2		
18	90015-ZE5-010	BOLT, GOVERNOR ARM	1	1	1	1		
19	90016-ZE7-W00	SCREW, RECESSED, 5X28	1	1	1	1		
20	90659-680-013	CLIP, WIRE HARNESS	-	1	1	1		
21	93500-04008-0A	SCREW, PAN, 4X8	-	1	1	1		
22	93500-05016-0A	SCREW, PAN, 5X16	1	1	1	1		
23	93500-05020-0A	SCREW, PAN, 5X20	1	1	1	1		
24	94050-06000	NUT, FLANGE, 6MM	1	1	1	1		
25	95701-06010-00	BOLT, FLANGE, 6X10	2	2	2	2		



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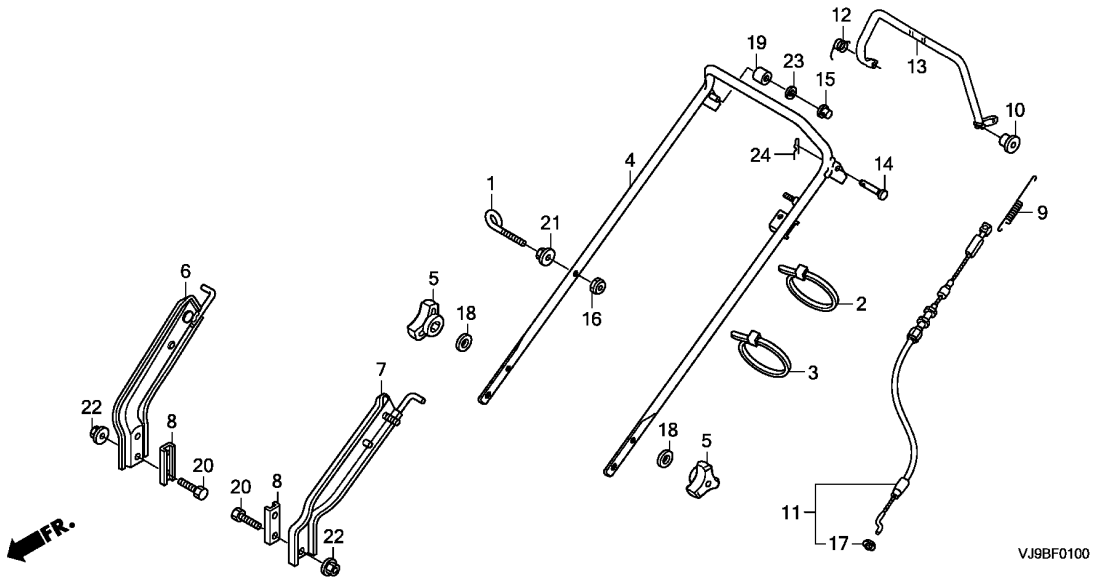
Ref. No.	L.O.N.	(Relative ref. Number) Description	F.R.T.
NO INFORMATION ----------			

Ref. No.	Part No.	Description	Reqd. QTY HRU 196 K1	HRU 196 M1	HRU 216 K2	HRU 216 M2	Serial No.	Parts catalogue code
1	87524-Z1V-000	MARK, FUEL COCK CAUTION -----	1	1	1	1		

F-1 HANDLE PIPE(HRU196K1)

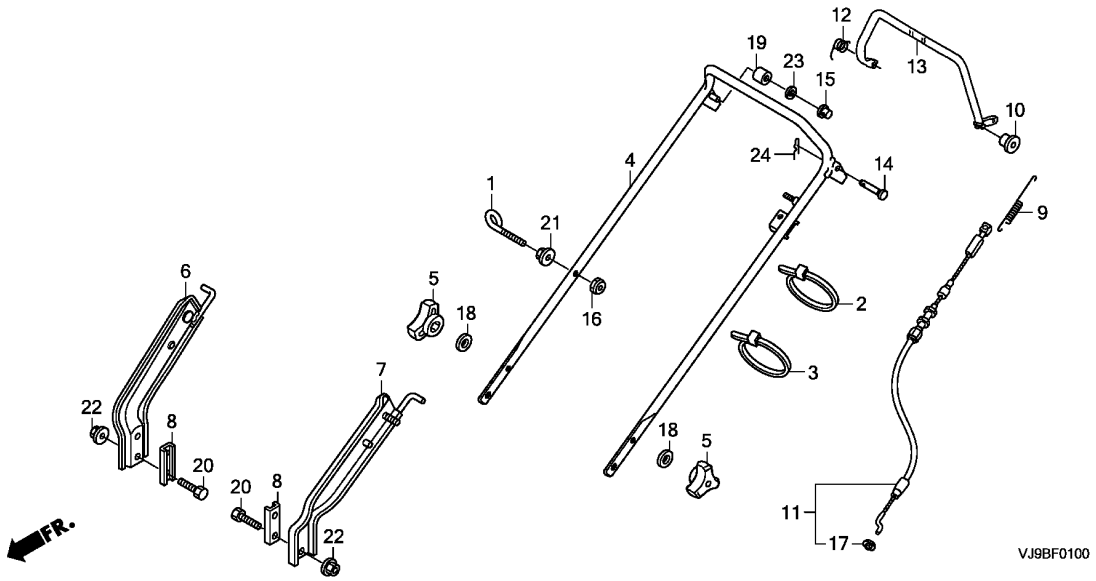
E 1



Ref. No.	L.O.N.	(Relative ref. Number) Description	F.R.T.
4	8101J5	PIPE, HANDLE	0.5
11	8111A4	CABLE, BRAKE	0.3
13	8101B1	LEVER, BRAKE	0.2

Ref. No.	Part No.	Description	Reqd. QTY HRU 196 K1	HRU 196 M1	HRU 216 K2	HRU 216 M2	Serial No.	Parts catalogue code
1	28475-VA3-S20	GUIDE, ROPE	1	-	-	-		
2	32901-VK0-M80	TIE, CABLE (A)	1	-	-	-		
3	32902-VK0-M80	TIE, CABLE (B)	1	-	-	-		
4	53110-VK0-C80ZA	PIPE COMP., HANDLE *NH1*.....BLACK	1	-	-	-		
5	53125-VL9-B40	GRIP, HANDLE JOINT	2	-	-	-		
6	53130-VL9-B40ZB	STAY COMP., R. HANDLE *NH1*.....BLACK	1	-	-	-		
7	53140-VL9-B40ZB	STAY COMP., L. HANDLE *NH1*.....BLACK	1	-	-	-		
8	53169-VL9-B40	PLATE, HANDLE HOLDER	2	-	-	-		
9	54411-VB4-620	SPRING, CLUTCH	1	-	-	-		
10	54412-952-770	BUSH, CLUTCH LEVER	1	-	-	-		
11	54530-VL9-B40	CABLE COMP., BRAKE	1	-	-	-		
12	75118-VA3-J00	SPRING, R. STOP RETURN	1	-	-	-		
13	75190-VE1-E00ZB	LEVER COMP., BRAKE *NH1*.....BLACK	1	-	-	-		
14	90106-VA4-000	PIN, CLUTCH LEVER	1	-	-	-		
15	90301-VA3-J01	NUT, PUSH, 8MM	1	-	-	-		
16	90301-VB4-880	NUT, NYLON LOCK, 6MM	1	-	-	-		
17	90407-952-300	WASHER, SPECIAL, 6MM	1	-	-	-		
18	90503-VL9-K40	WASHER, PLAIN, 8.2MM	2	-	-	-		
19	90552-VA3-J00	COLLAR, 8X11X13.5	1	-	-	-		
20	92101-10020-0A	BOLT, HEX., 10X20	4	-	-	-		
21	94050-06080	NUT, FLANGE, 6MM	1	-	-	-		

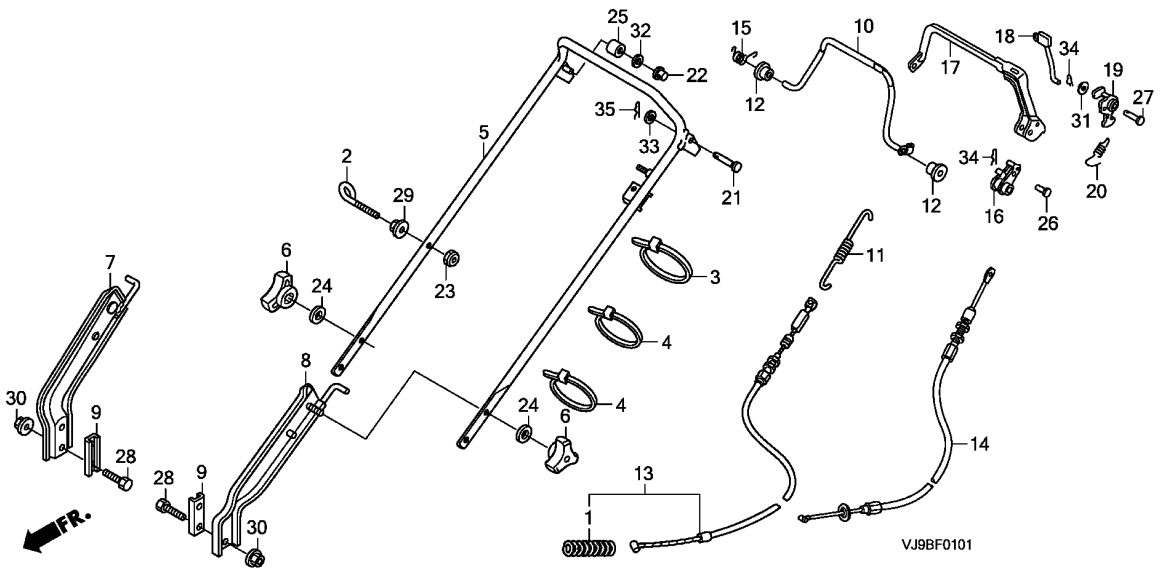
HANDLE PIPE(HRU196K1)



Ref. No.	Part No.	Description	Reqd. QTY HRU 196 K1	HRU 196 M1	HRU 216 K2	HRU 216 M2	Serial No.	Parts catalogue code
22	94050-10080	NUT, FLANGE, 10MM ----------	4	-	-	-		
23	94101-08800	WASHER, PLAIN, 8MM ----------	1	-	-	-		
24	94251-08400	PIN, LOCK, 8MM -------------	1	-	-	-		

F-1-1 HANDLE PIPE (HRU196M1,HRU216K2/M2)

E 3

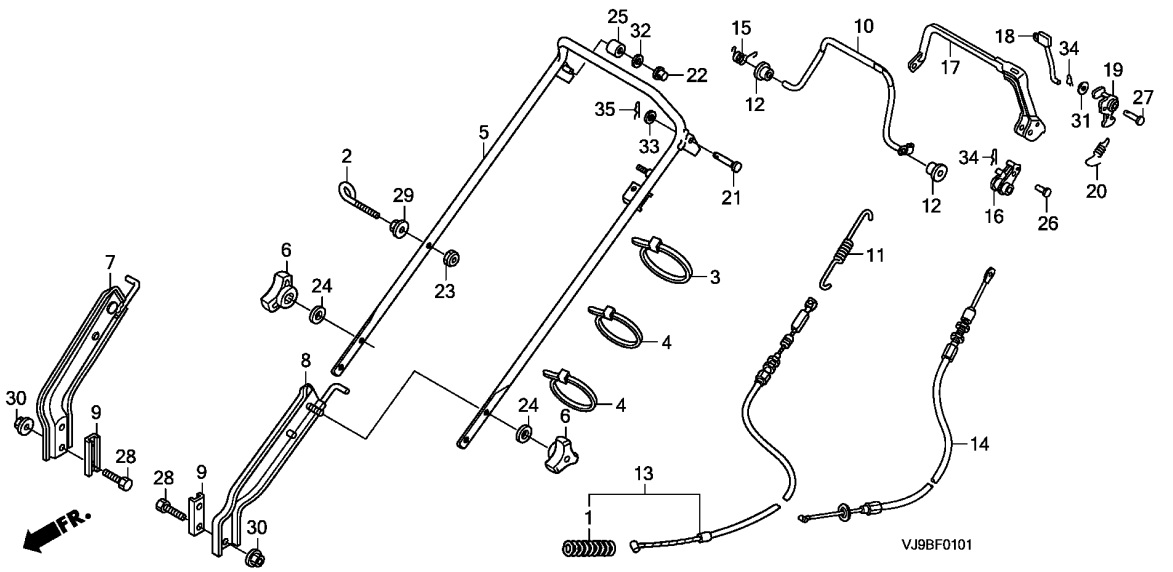


Ref. No.	L.O.N.	(Relative ref. Number) Description	F.R.T.
5	8101J5	PIPE, HANDLE	0.5
10	2121B9	LEVER, CLUTCH	0.2
13	8111B0	CABLE, CLUTCH	1.5
		.INCLUDES: Engine removal and installation	
14	8111A4	CABLE, BRAKE	0.3
17	2161C1	LEVER, ROTO-STOP	0.4

Ref. No.	Part No.	Description	Reqd. QTY HRU 196 K1	HRU 196 M1	HRU 216 K2	HRU 216 M2	Serial No.	Parts catalogue code
1	23437-VA4-801	SPRING, CLUTCH RETURN	-	-	1	1		
2	28475-VA3-S20	GUIDE, ROPE	-	1	1	1		
3	32901-VK0-M80	TIE, CABLE (A)	-	1	-	-		
4	32902-VK0-M80	TIE, CABLE (B)	-	2	2	2		
5	53110-VK0-C80ZA	PIPE COMP., HANDLE						
		NH1.....BLACK	-	1	-	-		
	53110-VJ9-B80ZA	*NH1*.....BLACK	-	-	1	1		
6	53125-VL9-B40	GRIP, HANDLE JOINT	-	2	2	2		
7	53130-VL9-B40ZB	STAY COMP., R. HANDLE						
		NH1.....BLACK	-	1	1	1		
8	53140-VL9-B40ZB	STAY COMP., L. HANDLE						
		NH1.....BLACK	-	1	1	1		
9	53169-VL9-B40	PLATE, HANDLE HOLDER	-	2	2	2		
10	54410-VE1-R00	LEVER COMP., CLUTCH	-	-	1	1		
11	54411-VA3-J00	SPRING, CLUTCH	-	-	1	1		
12	54412-952-770	BUSH, CLUTCH LEVER	-	-	2	2		
13	54510-VK3-R40	CABLE COMP., CLUTCH	-	-	1	1		
14	54530-VK0-C80	CABLE COMP., ROTO-STOP	-	1	-	-		
	54530-VJ9-B80		-	-	1	1		
15	75118-VA3-J00	SPRING, R. STOP RETURN	-	1	1	1		
16	75128-VE1-R00	ARM, ROTO-STOP CABLE	-	1	1	1		
17	75161-VE0-L01	LEVER COMP., ROTO-STOP	-	1	1	1		
18	75165-VE0-L00	ROD, RATCHET PUSH	-	1	1	1		
19	75166-VE1-R00	LEVER, LOCK	-	1	1	1		
20	75168-VA4-000	SPRING, RATCHET RETURN	-	1	1	1		

F-1-1 HANDLE PIPE (HRU196M1,HRU216K2/M2)

E 4

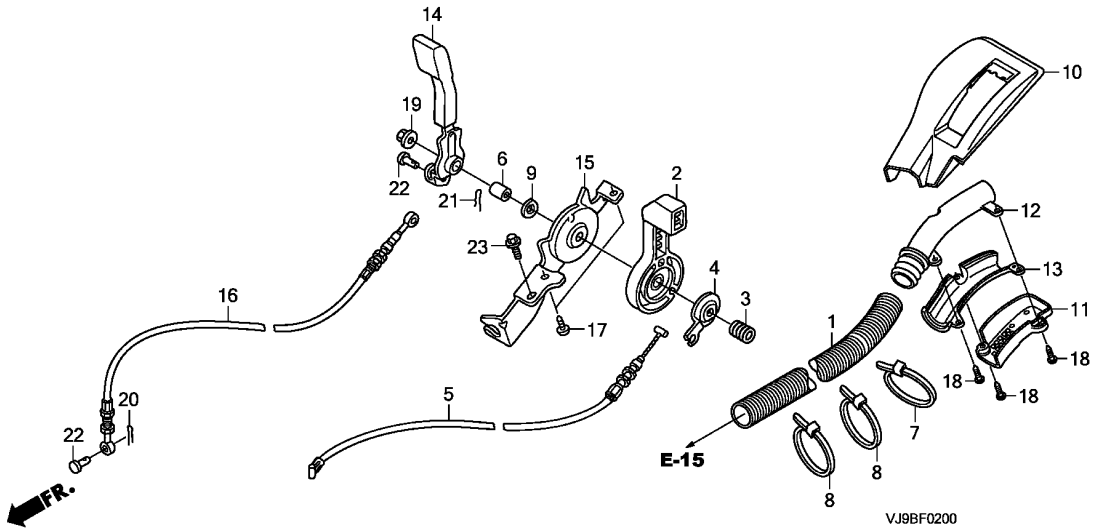


Ref. No.	Part No.	Description	Reqd. QTY HRU 196 K1	HRU 196 M1	HRU 216 K2	HRU 216 M2	Serial No.	Parts catalogue code
21	90106-VA4-000	PIN, CLUTCH LEVER	-	1	-	-		
	90106-VA4-800		-	-	1	1		
22	90301-VA3-J01	NUT, PUSH, 8MM	-	1	-	-		
23	90301-VB4-880	NUT, NYLON LOCK, 6MM	-	1	1	1		
24	90503-VL9-K40	WASHER, PLAIN, 8.2MM	-	2	2	2		
25	90552-VA3-J00	COLLAR, 8X11X13.5	-	1	1	1		
26	90751-VK6-000	PIN, CABLE JOINT	-	1	-	-		
	90754-VA9-P40		-	-	1	1		
27	90753-VA3-J00	PIN, LOCK LEVER HINGE (6X30)	-	1	1	1		
28	92101-10020-0A	BOLT, HEX., 10X20	-	4	4	4		
29	94050-06080	NUT, FLANGE, 6MM	-	1	1	1		
30	94050-10080	NUT, FLANGE, 10MM	-	4	4	4		
31	94101-06800	WASHER, PLAIN, 6MM	-	1	1	1		
32	94101-08800	WASHER, PLAIN, 8MM	-	1	1	1		
33	94101-08800	WASHER, PLAIN, 8MM	-	-	1	1		
34	94251-06400	PIN, LOCK, 6MM	-	2	2	2		
35	94251-08400	PIN, LOCK, 8MM	-	1	1	1		

3

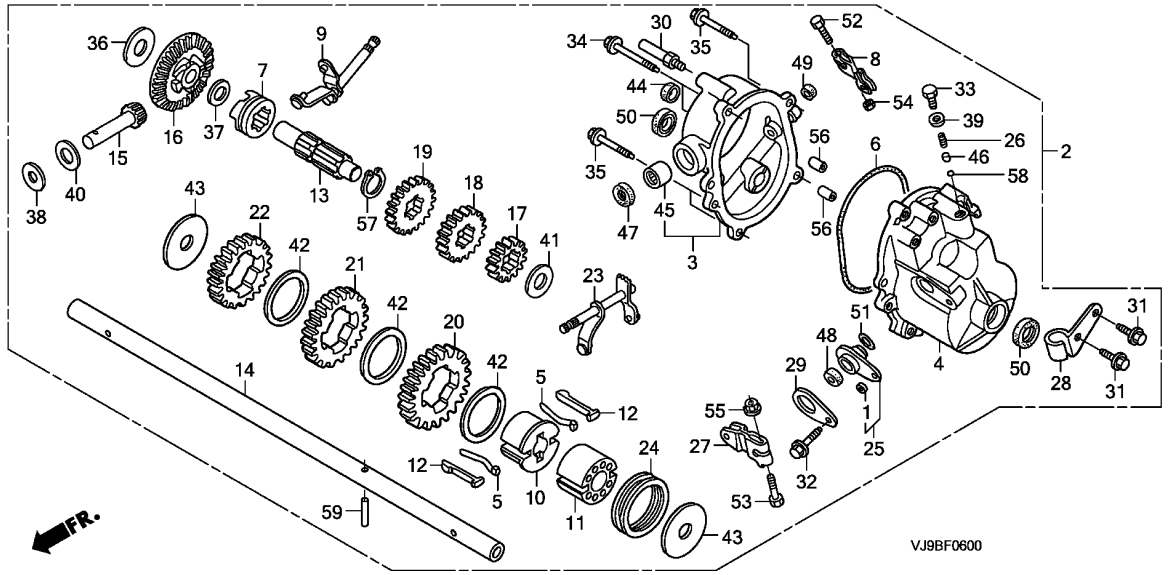
F-2 THROTTLE LEVER

E 5



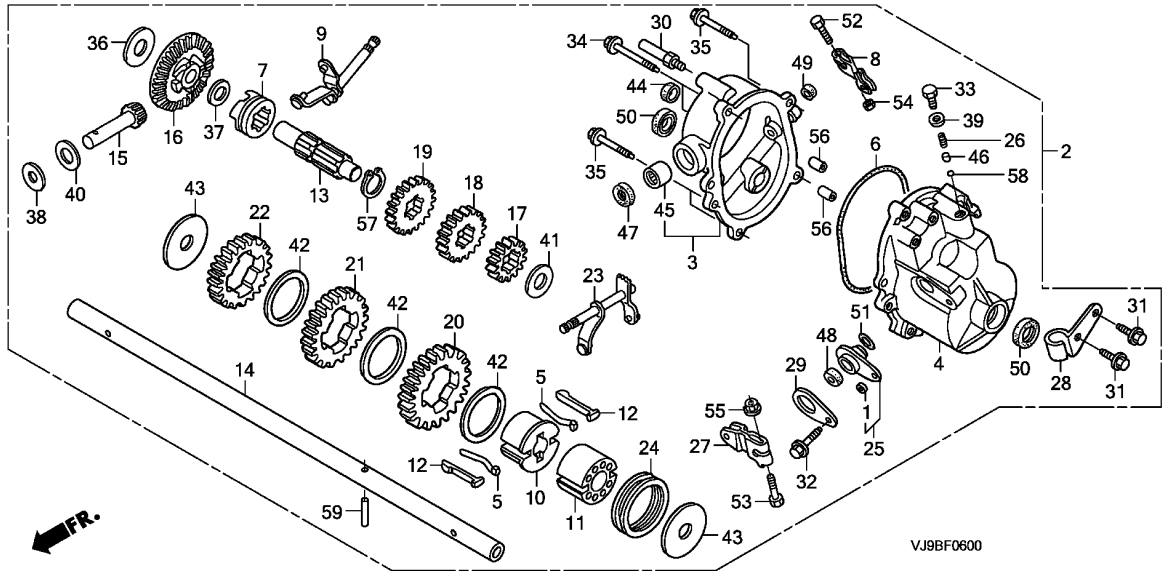
Ref. No.	L.O.N.	(Relative ref. Number) Description	F.R.T.
1	3121D1	HOSE, AIR CLEANER	0.1
2		(3,4)	
	8101P6	LEVER, THROTTLE(A)	0.3
5	8111C8	CABLE, THROTTLE	0.2
10		(11,12,13)	
	2101V4	COVER, CHANGE CONTROL	0.2
14		(6,9)	
	2101L5	LEVER, CHANGE	0.3
16	8111A8	CABLE, CHANGE	0.4

Ref. No.	Part No.	Description	Reqd. QTY HRU 196 K1	HRU 196 M1	HRU 216 K2	HRU 216 M2	Serial No.	Parts catalogue code
1	17307-Z1V-S20	HOSE, AIR CLEANER (1030)	1	1	-	-		
	17307-Z1V-S30	HOSE, AIR CLEANER (1120)	-	-	1	1		
2	17851-VA3-D01	LEVER, THROTTLE	1	1	1	1		
3	17858-VA4-000	SPRING, THROTTLE LEVER	1	1	1	1		
4	17859-VA3-800	SEAT, SPRING	1	1	1	1		
5	17910-VL9-B40	CABLE COMP., THROTTLE	1	1	-	-		
	17910-VK3-R40		-	-	1	1		
6	19612-896-700	COLLAR, RECOIL STARTER	-	-	1	1		
7	32901-VK0-M80	TIE, CABLE (A)	-	-	1	1		
8	32901-VK0-M80	TIE, CABLE (A)	2	2	2	2		
9	47363-671-300	WASHER, WAVE, 11MM	-	-	1	1		
10	54231-VL9-K40	COVER, CONTROL	1	1	1	1		
11	54232-VL9-K40	COVER, SNORKEL DUCT	1	1	1	1		
12	54233-VL9-K40	DUCT A, SNORKEL	1	1	1	1		
13	54234-VL9-K40	DUCT B, SNORKEL	1	1	1	1		
14	54311-VA3-J00	LEVER, CHANGE	-	-	1	1		
15	54315-VL9-K40	PLATE, STOPPER	1	1	-	-		
	54315-VA3-J00		-	-	1	1		
16	54630-VK3-R40	CABLE COMP., CHANGE	-	-	1	1		
17	93901-35220	SCREW, TAPPING, 5X12	2	2	2	2		
18	93901-35320	SCREW, TAPPING, 5X16	3	3	3	3		
19	94050-06080	NUT, FLANGE, 6MM	1	1	1	1		
20	94201-16120	PIN, SPLIT, 1.6X12	-	-	1	1		
21	94251-06400	PIN, LOCK, 6MM	-	-	1	1		
22	95015-51000	PIN A, BRAKE ROD JOINT	-	-	2	2		
23	95701-06010-00	BOLT, FLANGE, 6X10	1	1	1	1		



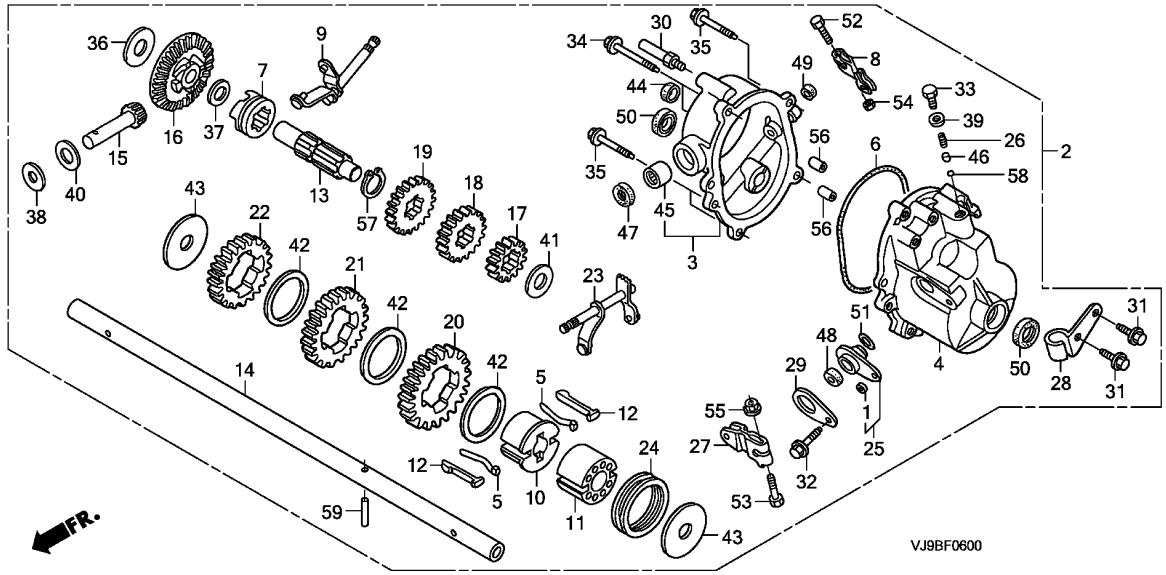
Ref. No.	L.O.N.	(Relative ref. Number) Description	F.R.T.
3	2101F0	CASE, TRANSMISSION :RIGHT ···· .INCLUDES: Engine removal and installation	2.0
4	2101E9	CASE, TRANSMISSION :LEFT ····· .INCLUDES: Engine removal and installation	2.0
6	2101BZ	O-RING, TRANSMISSION CASE ···· .INCLUDES: Engine removal and installation	1.8
9	2101FK	FORK, DRIVE CLUTCH SHIFT ····· .INCLUDES: Engine removal and installation	1.8
10		(5,11,12,24)	
	2131Q2	BOSS, CHANGE SHAFT ····· .INCLUDES: Engine removal and installation	1.9
13		(7,17,18,19)	
	2091A2	COUNTERSHAFT ····· .INCLUDES: Engine removal and installation	1.8
14	2091H1	SHAFT, TRANSMISSION FINAL ···· .INCLUDES: Engine removal and installation	1.8
16		(15)	
+	2091F5	GEAR, COUNTERSHAFT BEVEL ·····	1.8

Ref. No.	Part No.	Description	Reqd. QTY HRU 196 K1	HRU 196 M1	HRU 216 K2	HRU 216 M2	Serial No.	Parts catalogue code
1	19512-883-000	COLLAR, FAN ·····	-	-	1	1		
2	20001-VK3-B12	TRANSMISSION ASSY. ·····	-	-	1	1		
3	21110-VK3-B11	CASE COMP., R. MISSION ·····	-	-	1	1		
4	21211-VK3-B10	CASE, L. MISSION ·····	-	-	1	1		
5	21218-VA3-J00	SPRING, CHANGE KEY ·····	-	-	2	2		
6	21592-VK3-B10	O-RING, MISSION CASE ·····	-	-	1	1		
7	22549-VK3-B11	CLUTCH, DRIVEN ·····	-	-	1	1		
8	22811-VK3-B10	ARM, CLUTCH ·····	-	-	1	1		
9	22821-VK3-B11	FORK, CLUTCH ·····	-	-	1	1		
10	23214-VK3-B10	BOSS, CHANGE SHAFT ·····	-	-	1	1		
11	23216-VK3-B10	HOLDER, KEY ·····	-	-	1	1		
12	23217-VA3-J00	KEY, CHANGE SHAFT ·····	-	-	2	2		
13	23221-VK3-B11	SHAFT, COUNTER ·····	-	-	1	1		
14	23251-VK3-B10	SHAFT, FINAL ·····	-	-	1	1		
15	23322-VK3-B10	PINION, BEVEL ·····	-	-	1	1		
16	23323-VK3-B10	GEAR, BEVEL (44T) ·····	-	-	1	1		
17	23421-VK3-B10	GEAR, FIRST DRIVE ·····	-	-	1	1		
18	23422-VK3-B10	GEAR, SECOND DRIVE ·····	-	-	1	1		
19	23423-VK3-B10	GEAR, THIRD DRIVE ·····	-	-	1	1		
20	23431-VK3-B10	GEAR, FIRST DRIVEN ·····	-	-	1	1		
21	23432-VK3-B10	GEAR, SECOND DRIVEN ·····	-	-	1	1		
22	23433-VK3-B10	GEAR, THIRD DRIVEN ·····	-	-	1	1		
23	24112-VK3-B11	FORK, SHIFT ·····	-	-	1	1		
24	24117-VK3-B10	SHIFTER ·····	-	-	1	1		
25	24139-VK3-B10	GUIDE, CHANGE LEVER ·····	-	-	1	1		

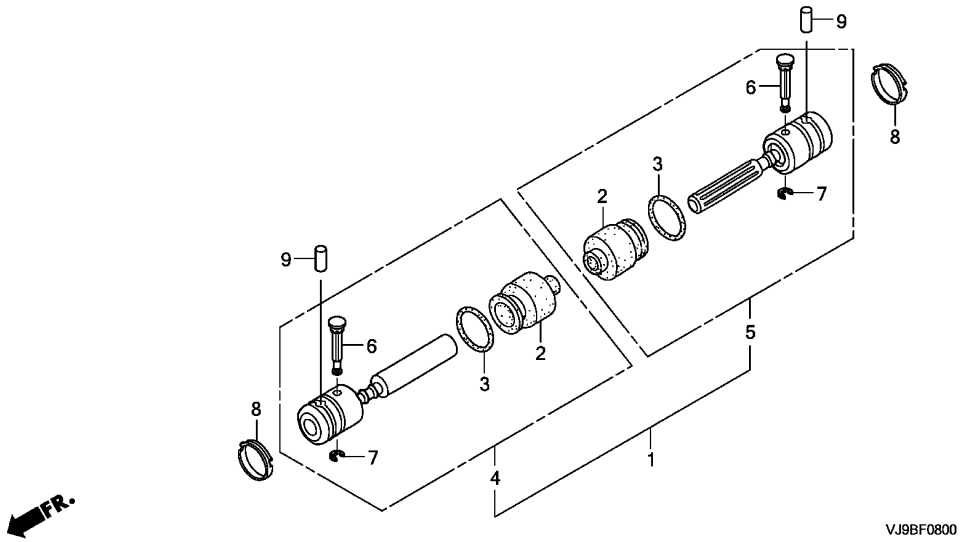


Ref. No.	L.O.N.	(Relative ref. Number) Description	F.R.T.
+16		.INCLUDES: Engine removal and installation	
21		(20,22,42)	
	2131E6	GEAR, SECOND DRIVEN ·····	1.8
		.INCLUDES: Engine removal and installation	
23	2101FJ	FORK, DRIVEN SHIFT ·····	2.0
		.INCLUDES: Engine removal and installation	

Ref. No.	Part No.	Description	Reqd. QTY HRU 196 K1	HRU 196 M1	HRU 216 K2	HRU 216 M2	Serial No.	Parts catalogue code
26	24271-719-010	SPRING, BALL SETTING ·····	-	-	1	1		
27	24361-VA3-J00	ARM, CHANGE ·····	-	-	1	1		
28	24384-VA3-J00	BRACKET, WIRE HOLDER ·····	-	-	1	1		
29	24624-VA3-J00	HOLDER, SHIFT SHAFT ·····	-	-	1	1		
30	90012-VA4-800	BOLT, GUIDE ·····	-	-	1	1		
31	90013-883-000	BOLT, FLANGE, 6X12(CT200) ···	-	-	2	2		
32	90103-VA5-J00	BOLT, FLANGE, 6X16 ·····	-	-	1	1		
33	90111-VA3-J00	BOLT, HEX., 8X10 ·····	-	-	1	1		
34	90123-VA4-800	BOLT, FLANGE, 6X28 ·····	-	-	2	2		
35	90125-VA4-800	BOLT, FLANGE, 6X25 ·····	-	-	3	3		
36	90411-KM1-000	WASHER, THRUST, 14X32X1 ·····	-	-	1	1		
37	90451-155-000	WASHER, 14MM ·····	-	-	1	1		
38	90452-187-000	WASHER, 10X21 ·····	-	-	1	1		
39	90501-VK3-B10	WASHER, SEALING, 8X16X1.6 ···	-	-	1	1		
40	90502-VK3-B10	SHIM A, BEVEL PINION ·····	-	-	1	1		
	90503-VK3-B10	SHIM B, BEVEL PINION ·····	-	-	1	1		
	90504-VK3-B10	SHIM C, BEVEL PINION ·····	-	-	1	1		
41	90505-VK3-B10	WASHER, THRUST, 12X25X1 ·····	-	-	1	1		
42	90506-VA3-J00	WASHER, 35X45X1 ·····	-	-	3	3		
43	90506-VK3-B10	WASHER, THRUST, 15X40X1.5 ···	-	-	2	2		
44	90851-VK3-B10	PLUG, SEALING, 14X4 ·····	-	-	1	1		
45	91051-VK3-B10	BEARING, NEEDLE, 10X17X20 ···	-	-	1	1		
46	91152-VA3-J00	RETAINER, BALL (6MM) ·····	-	-	1	1		
47	91251-VK3-B10	OIL SEAL, 10X17X4 ·····	-	-	1	1		
48	91253-VK3-B10	OIL SEAL, 8X16X6 ·····	-	-	1	1		



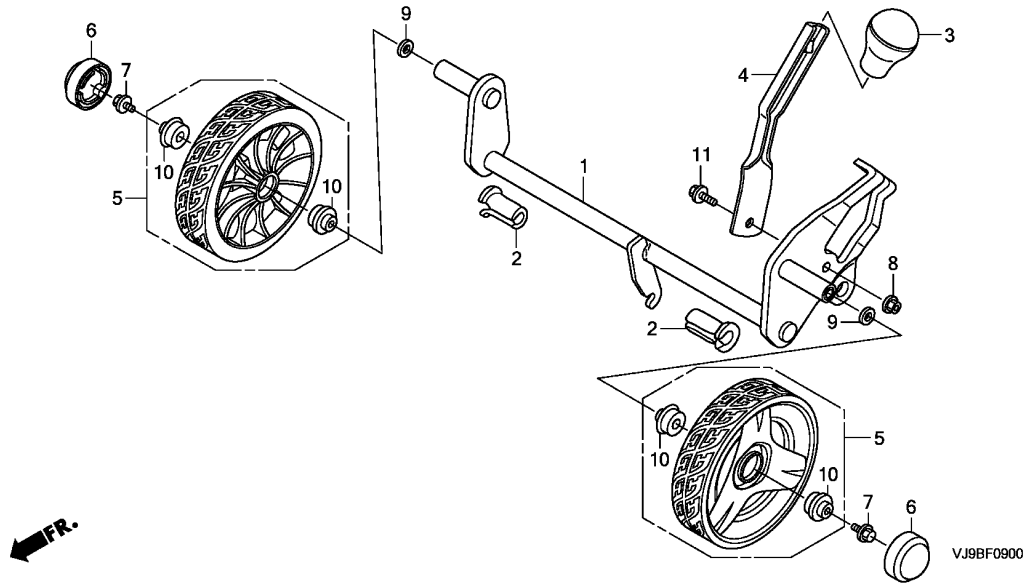
Ref. No.	Part No.	Description	Reqd. QTY HRU 196 K1	HRU 196 M1	HRU 216 K2	HRU 216 M2	Serial No.	Parts catalogue code
49	91254-VK3-B10	OIL SEAL, 8X14X5	-	-	1	1		
50	91255-VK3-B10	OIL SEAL, 15X24X5	-	-	2	2		
51	91351-VK3-B10	O-RING, 12.3X1.9	-	-	1	1		
52	92101-05020-0H	BOLT, HEX., 5X20	-	-	1	1		
53	92101-06025-0H	BOLT, HEX., 6X25	-	-	1	1		
54	94001-05080-0S	NUT, HEX., 5MM	-	-	1	1		
55	94050-06080	NUT, FLANGE, 6MM	-	-	1	1		
56	94301-08140	DOWEL PIN, 8X14	-	-	2	2		
57	94510-18000	CIRCLIP, EXTERNAL, 18MM	-	-	1	1		
58	96211-06000	BALL, STEEL, #6 (3/16)	-	-	1	1		
59	96220-60224	ROLLER, 6X22.4	-	-	1	1		



Ref. No.	L.O.N.	(Relative ref. Number) Description	F.R.T.
1	2131F0	JOINT ASSEMBLY	0.2
2	2191A2	BOOT, JOINT	0.3
4		(5)	
	2131F1	JOINT SUB ASSEMBLY	0.2

Ref. No.	Part No.	Description	Reqd. QTY HRU 196 K1	HRU 196 M1	HRU 216 K2	HRU 216 M2	Serial No.	Parts catalogue code
1	22100-VA4-803	JOINT ASSY.	-	-	1	1		
2	22123-VA4-801	BOOT, JOINT	-	-	2	2		
3	22127-VA4-801	RING, SEAL	-	-	2	2		
4	22150-VA4-803	JOINT SUB ASSY. (A)	-	-	1	1		
5	22160-VA4-803	JOINT SUB ASSY. (B)	-	-	1	1		
6	22181-VA4-802	PIN, DRIVE	-	-	2	2		
7	22191-VA4-801	RING, SNAP	-	-	2	2		
8	23435-VA2-701	CLIP, CLUTCH SHAFT	-	-	2	2		
9	96220-40178	ROLLER, 4X17.8	-	-	2	2		

REAR WHEEL(HRU196K1/M1)

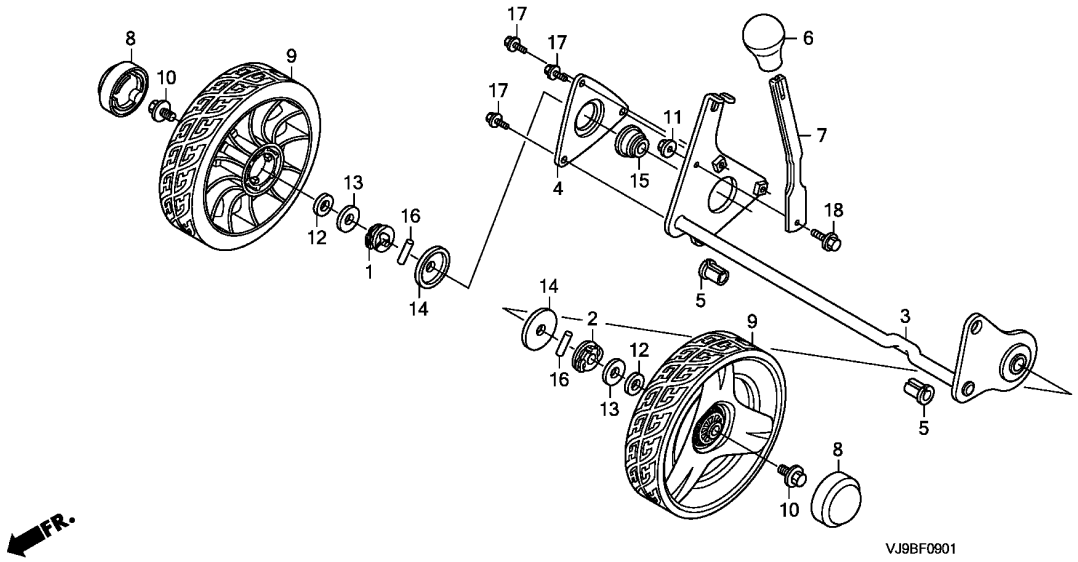


Ref. No.	L.O.N.	(Relative ref. Number) Description	F.R.T.
1	2141G6	SHAFT, AXLE :REAR	0.3
5	7101H3	WHEEL :LEFT REAR	0.1
	7101H4	WHEEL :RIGHT REAR	0.1

Ref. No.	Part No.	Description	Reqd. QTY HRU 196 K1	HRU 196 M1	HRU 216 K2	HRU 216 M2	Serial No.	Parts catalogue code
1	42310-VL9-B40	SHAFT COMP., RR. AXLE	1	1	-	-		
2	42757-VB4-000	BUSH, RR. AXLE SHAFT	2	2	-	-		
3	42952-VL9-B40ZA	GRIP, ADJUSTER *NH246R*.....LOOSEY GRAY R	1	1	-	-		
4	42961-VL9-B40	LEVER, HEIGHT ADJUSTING	1	1	-	-		
5	44710-VK0-C80	WHEEL COMP., FR.	2	2	-	-		
6	44719-VL9-B40	CAP, FR. WHEEL	2	2	-	-		
7	90110-VA4-000	BOLT, WHEEL	2	2	-	-		
8	90301-473-003	NUT, U, 6MM	1	1	-	-		
9	90503-VB4-680	WASHER, WHEEL	2	2	-	-		
10	91055-VB4-003	BEARING, RADIAL BALL	4	4	-	-		
11	95701-06014-00	BOLT, FLANGE, 6X14	1	1	-	-		

F-9-1 REAR WHEEL(HRU216K2/M2)

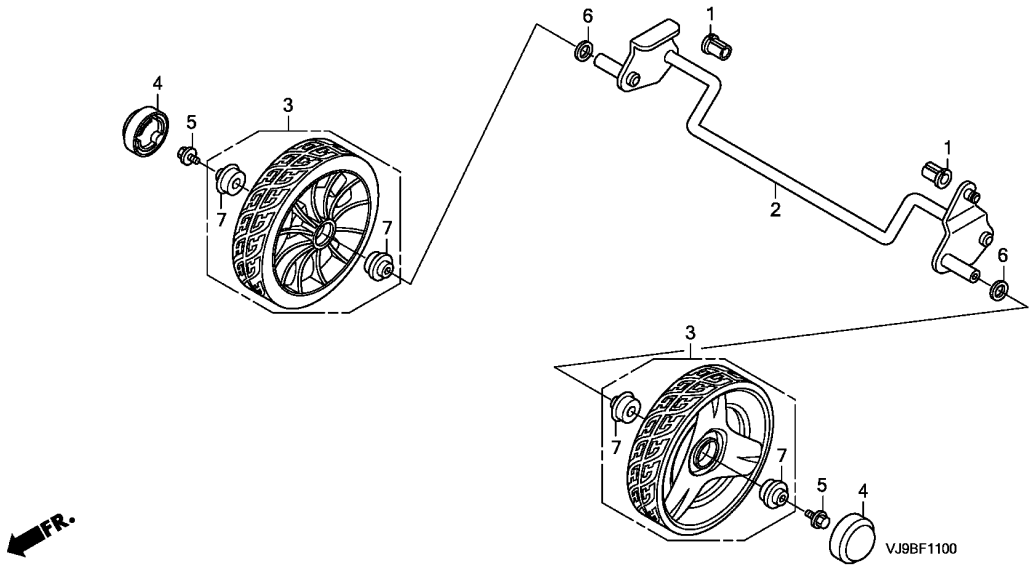
E11



Ref. No.	L.O.N.	(Relative ref. Number) Description	F.R.T.
3	2141BF	SHAFT, AXLE(A) :REAR ·····	1.5
		.INCLUDES: Engine removal and installation	
9	71O1P8	WHEEL(A) :LEFT REAR ·····	0.1
	71O1P9	WHEEL(A) :RIGHT REAR ·····	0.1

Ref. No.	Part No.	Description	Reqd. QTY HRU 196 K1	HRU 196 M1	HRU 216 K2	HRU 216 M2	Serial No.	Parts catalogue code
1	23510-VB5-803	HOLDER COMP., R. RATCHET ····	-	-	1	1		
2	23520-VB5-803	HOLDER COMP., L. RATCHET ····	-	-	1	1		
3	42650-VK3-B10	SHAFT COMP., RR. AXLE ·····	-	-	1	1		
4	42655-VA3-K00	HOLDER, BEARING ·····	-	-	1	1		
5	42657-VA3-K00	BUSH, RR. AXLE SHAFT ·····	-	-	2	2		
6	42952-VL9-B40ZA	GRIP, ADJUSTER *NH246R*.....LOOSEY GRAY R	-	-	1	1		
7	42961-VL9-B40	LEVER, HEIGHT ADJUSTING ·····	-	-	1	1		
8	44719-VL9-B40	CAP, FR. WHEEL ·····	-	-	2	2		
9	44810-VJ9-B80	WHEEL COMP., RR. ·····	-	-	2	2		
10	90110-VA4-000	BOLT, WHEEL ·····	-	-	2	2		
11	90301-473-003	NUT, U, 6MM ·····	-	-	1	1		
12	90507-VA3-K80	WASHER, PLAIN, 15.1X22X1.6 ··	-	-	2	2		
13	90551-VA4-800	WASHER, 16MM ·····	-	-	2	2		
14	90555-VA4-800	WASHER, WHEEL ·····	-	-	2	2		
15	91054-VA3-K01	BEARING, RADIAL BALL ·····	-	-	1	1		
16	91101-VA4-801	ROLLER, 5X23.8 ·····	-	-	2	2		
17	95701-06012-00	BOLT, FLANGE, 6X12 ·····	-	-	3	3		
18	95701-06014-00	BOLT, FLANGE, 6X14 ·····	-	-	1	1		

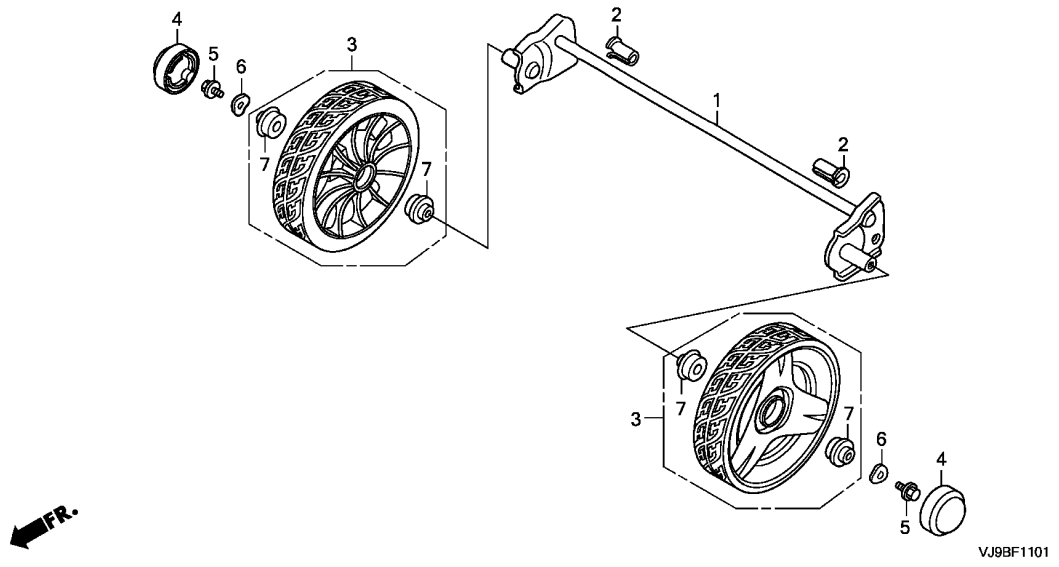
FRONT WHEEL(HRU196K1/M1)



Ref. No.	L.O.N.	(Relative ref. Number) Description	F.R.T.
2	2141G4	SHAFT, AXLE :FRONT	0.2
3	71101L7	WHEEL :LEFT FRONT	0.1
	71101L8	WHEEL :RIGHT FRONT	0.1

Ref. No.	Part No.	Description	Reqd. QTY HRU 196 K1	HRU 196 M1	HRU 216 K2	HRU 216 M2	Serial No.	Parts catalogue code
1	42757-VB4-000	BUSH, RR. AXLE SHAFT	2	2	-	-		
2	44310-VL9-B40	SHAFT COMP., FR. AXLE	1	1	-	-		
3	44710-VK0-C80	WHEEL COMP., FR.	2	2	-	-		
4	44719-VL9-B40	CAP, FR. WHEEL	2	2	-	-		
5	90110-VA4-000	BOLT, WHEEL	2	2	-	-		
6	90503-VB4-680	WASHER, WHEEL	2	2	-	-		
7	91055-VB4-003	BEARING, RADIAL BALL	4	4	-	-		

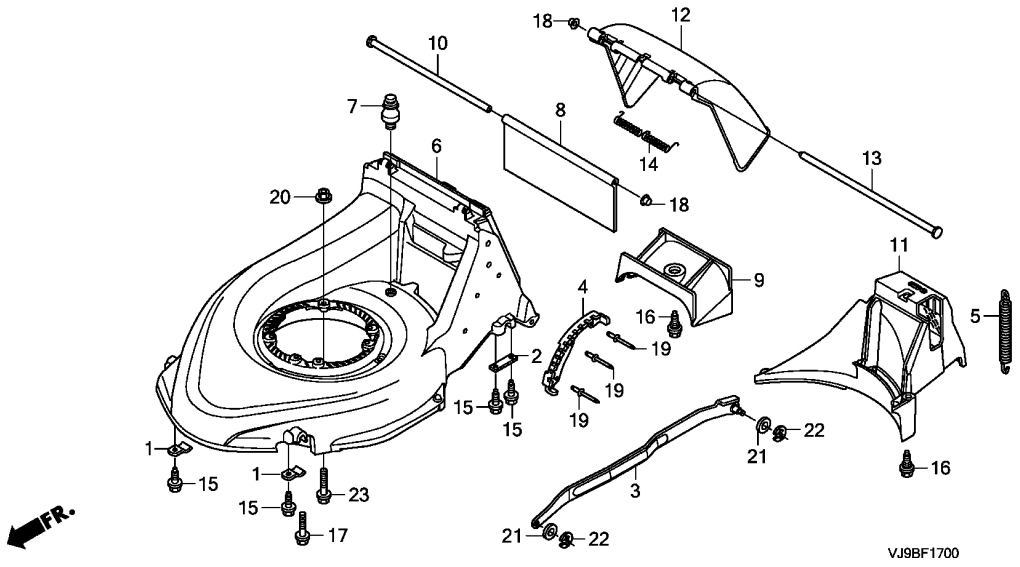
FRONT WHEEL(HRU216K2/M2)



Ref. No.	L.O.N.	(Relative ref. Number) Description	F.R.T.
1	2141G4	SHAFT, AXLE :FRONT	0.2
3	71O1L7	WHEEL :LEFT FRONT	0.1
	71O1L8	WHEEL :RIGHT FRONT	0.1

Ref. No.	Part No.	Description	Reqd. QTY HRU 196 K1	HRU 196 M1	HRU 216 K2	HRU 216 M2	Serial No.	Parts catalogue code
1	42610-VK3-R40	SHAFT COMP., FR. AXLE	-	-	1	1		
2	42757-VB4-000	BUSH, RR. AXLE SHAFT	-	-	2	2		
3	44710-VKO-C80	WHEEL COMP., FR.	-	-	2	2		
4	44719-VL9-B40	CAP, FR. WHEEL	-	-	2	2		
5	90110-VA4-000	BOLT, WHEEL	-	-	2	2		
6	90503-VB4-680	WASHER, WHEEL	-	-	2	2		
7	91055-VB4-003	BEARING, RADIAL BALL	-	-	4	4		

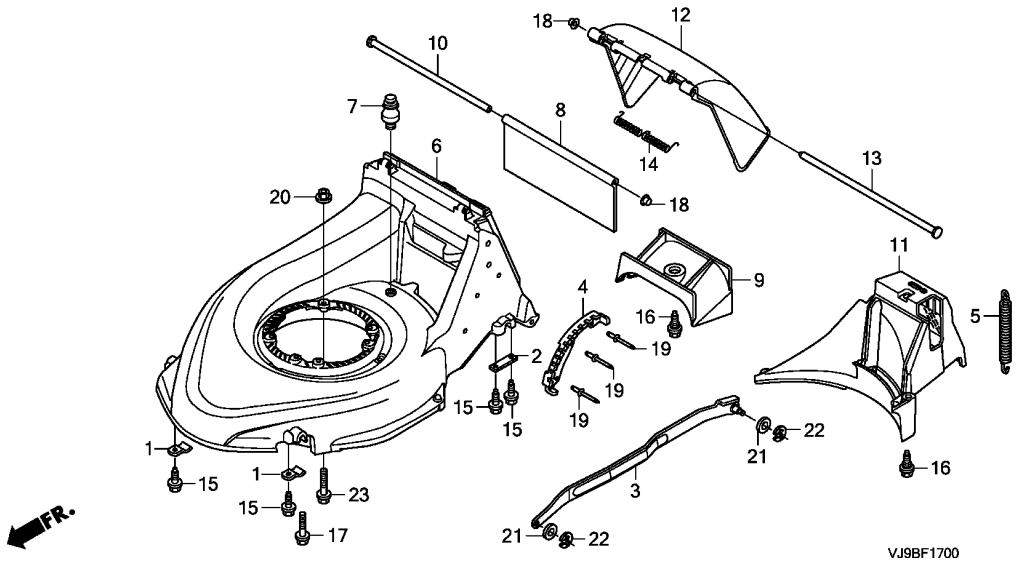
CUTTER HOUSING (HRU196K1/M1)



Ref. No.	L.O.N.	(Relative ref. Number) Description	F.R.T.
6	415100	HOUSING, CUTTER ----------	1.8
		.INCLUDES: Engine removal and installation	
12	415160	GUARD, DISCHARGE ----------	0.2

Ref. No.	Part No.	Description	Reqd. QTY HRU 196 K1	HRU 196 M1	HRU 216 K2	HRU 216 M2	Serial No.	Parts catalogue code
1	42617-VB4-680	CLIP, FR. AXLE ----------	2	2	-	-		
2	42938-VL9-B40	HOLDER, RR. AXLE ----------	2	2	-	-		
3	42966-VL9-B40	ARM, ADJUSTER ----------	1	1	-	-		
4	42991-VL9-B40	PANEL, HEIGHT ADJUSTING ----	1	1	-	-		
5	42992-VL9-B40	SPRING, BALANCER ----------	1	1	-	-		
6	76111-VK0-C80ZA	HOUSING, CUTTER						
		NHB22M GARDENIA SILVER METALLIC	1	1	-	-		
7	76114-VK0-W81	FITTING, HOSE (1/4 BSPF) ----	1	1	-	-		
8	76118-VL9-B40	SHIELD, RR. ----------	1	1	-	-		
9	76131-VL9-B40ZA	SCROLL, RR. UPPER						
		NH1.....BLACK	1	1	-	-		
10	76138-VL9-B40	SHAFT, RR. SHIELD ----------	1	1	-	-		
11	76142-VL9-B40ZA	GUIDE, SCROLL						
		NH1.....BLACK	1	1	-	-		
12	76281-VK0-C80ZA	GUARD, DISCHARGE						
		NH1.....BLACK	1	1	-	-		
13	76282-VL9-B40	SHAFT, DISCHARGE GUARD ------	1	1	-	-		
14	76284-VK3-C20	SPRING, GUARD RETURN --------	1	1	-	-		
15	90013-883-000	BOLT, FLANGE, 6X12(CT200) ---	6	6	-	-		
16	90101-VL9-B40	BOLT, FLANGE, 6X17(CT200) ---	6	6	-	-		
17	90102-VA5-000	BOLT, ENGINE SETTING --------	3	3	-	-		
18	90301-VA3-J01	NUT, PUSH, 8MM ----------	2	2	-	-		
19	90851-VL9-B40	RIVET, BLIND (6.4MM) --------	3	3	-	-		
20	94050-08000	NUT, FLANGE, 8MM ----------	1	1	-	-		

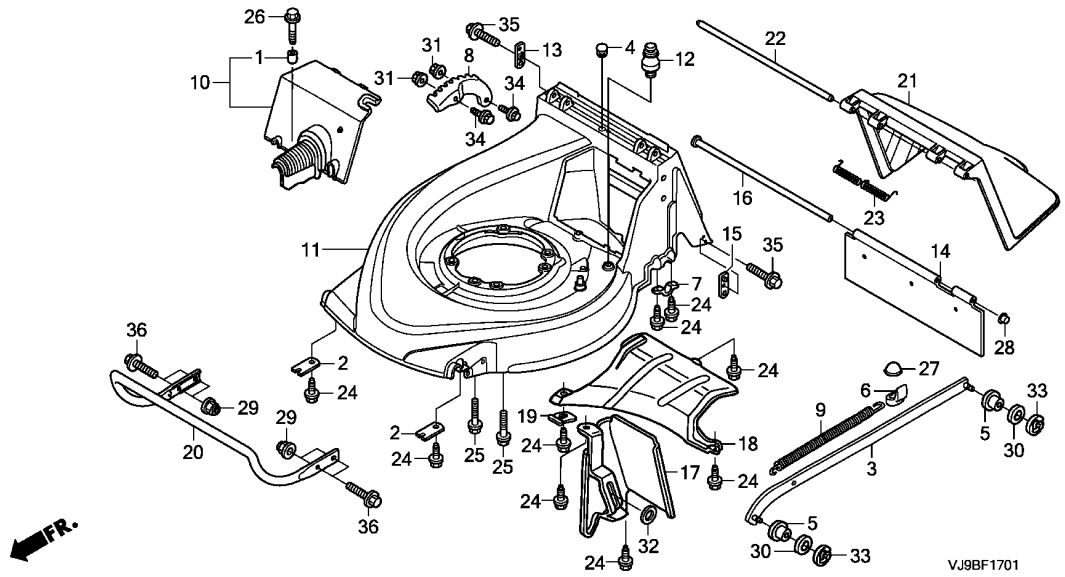
CUTTER HOUSING (HRU196K1/M1)



Ref. No.	Part No.	Description	Reqd. QTY HRU 196 K1	HRU 196 M1	HRU 216 K2	HRU 216 M2	Serial No.	Parts catalogue code
21	94102-10800	WASHER, PLAIN, 10MM	2	2	-	-		
22	94540-07010	E-RING, 7MM	2	2	-	-		
23	95701-08055-08	BOLT, FLANGE, 8X55	1	1	-	-		

F-17-1 CUTTER HOUSING (HRU216K2/M2)

E16

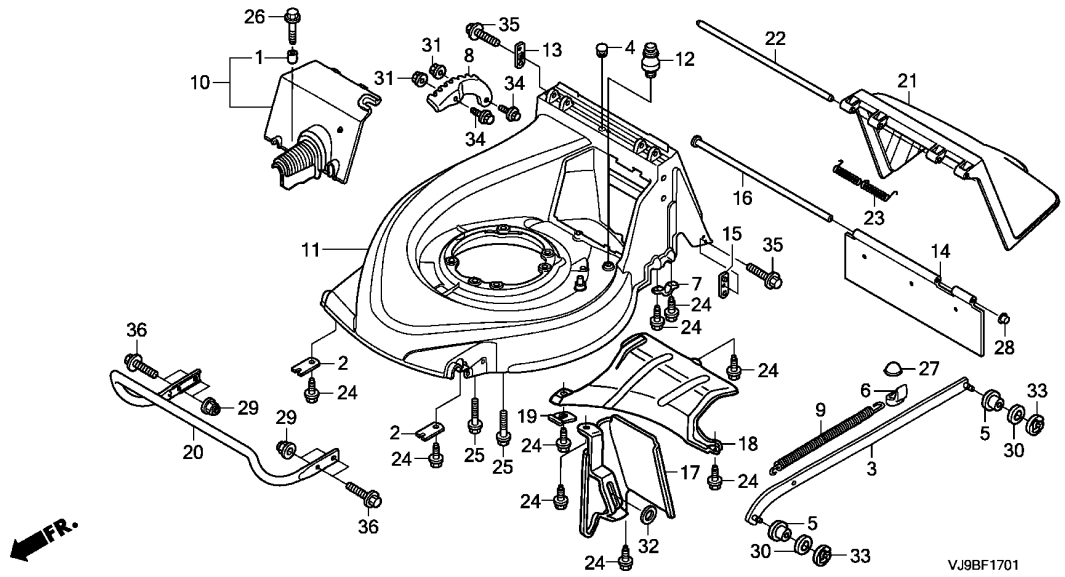


Ref. No.	L.O.N.	(Relative ref. Number) Description	F.R.T.
11	4151R8	HOUSING, CUTTER(A)	2.5
		.INCLUDES: Engine removal and installation	
21	415160	GUARD, DISCHARGE	0.5

Ref. No.	Part No.	Description	Reqd. QTY HRU 196 K1	HRU 196 M1	HRU 216 K2	HRU 216 M2	Serial No.	Parts catalogue code
1	19512-896-000	COLLAR, FAN	-	-	1	1		
2	42617-VJ9-P80	CLIP, FR. AXLE	-	-	2	2		
3	42631-VA3-K81	ARM, ADJUSTER	-	-	1	1		
4	42717-329-000	CAP, RIM HOLE	-	-	1	1		
5	42795-VA3-K00	BUSH, ADJUSTER	-	-	2	2		
6	42796-VA3-K00	COLLAR, SPRING PIVOT	-	-	1	1		
7	42933-VA3-K80	HOLDER, RR. AXLE SHAFT	-	-	2	2		
8	42987-VA3-K00	PANEL, HEIGHT ADJUSTING	-	-	1	1		
9	42992-VB4-000	SPRING, BALANCER	-	-	1	1		
10	54241-VJ9-A00	COVER, DRIVE SHAFT	-	-	1	1		
11	76111-VJ9-P80ZA	HOUSING, CUTTER *NHB22M* GARDENIA SILVER METALLIC	-	-	1	1		
12	76114-VK0-W81	FITTING, HOSE (1/4 BSPF)	-	-	1	1		
13	76117-VK3-C20	PLATE, R. RR. SHIELD	-	-	1	1		
14	76118-VK3-C20	SHIELD, REAR	-	-	1	1		
15	76119-VK3-C20	PLATE, L. RR. SHIELD	-	-	1	1		
16	76138-VK3-C20	SHAFT, RR. SHIELD	-	-	1	1		
17	76140-VA3-K00	COVER COMP., RR.	-	-	1	1		
18	76151-VA3-K00	GUIDE, SCROLL	-	-	1	1		
19	76153-VA3-K00	PLATE, SCROLL GUIDE	-	-	1	1		
20	76261-VJ9-B80	BAR, FR. GUARD	-	-	1	1		
21	76281-VJ9-B80ZA	GUARD, DISCHARGE *NH1*.....BLACK	-	-	1	1		
22	76282-VK3-R40	SHAFT, DISCHARGE GUARD	-	-	1	1		

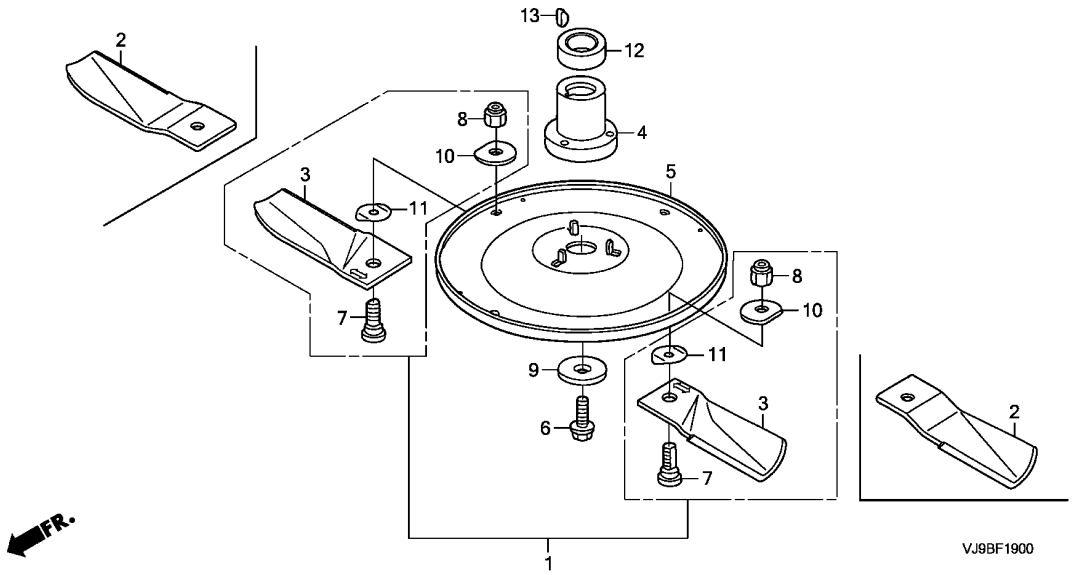
F-17-1 CUTTER HOUSING (HRU216K2/M2)

F 1



Ref. No.	Part No.	Description	Reqd. QTY HRU 196 K1	HRU 196 M1	HRU 216 K2	HRU 216 M2	Serial No.	Parts catalogue code
23	76284-VK3-C20	SPRING, GUARD RETURN	-	-	1	1		
24	90013-883-000	BOLT, FLANGE, 6X12(CT200) ...	-	-	11	11		
25	90102-VA5-000	BOLT, ENGINE SETTING	-	-	4	4		
26	90125-VA4-800	BOLT, FLANGE, 6X25	-	-	1	1		
27	90262-VB4-000	NUT, PUSH, 9.5MM	-	-	1	1		
28	90301-VA3-J01	NUT, PUSH, 8MM	-	-	1	1		
29	90301-473-003	NUT, U, 6MM	-	-	4	4		
30	90504-VB4-980	WASHER, PLAIN, 10.5X19X2.6 ..	-	-	2	2		
31	94050-06080	NUT, FLANGE, 6MM	-	-	2	2		
32	94101-10800	WASHER, PLAIN, 10MM	-	-	1	1		
33	94540-07010	E-RING, 7MM	-	-	2	2		
34	95701-06014-00	BOLT, FLANGE, 6X14	-	-	2	2		
35	95701-06016-08	BOLT, FLANGE, 6X16	-	-	2	2		
36	95701-06020-08	BOLT, FLANGE, 6X20	-	-	4	4		

ROTARY BLADE(HRU196K1)

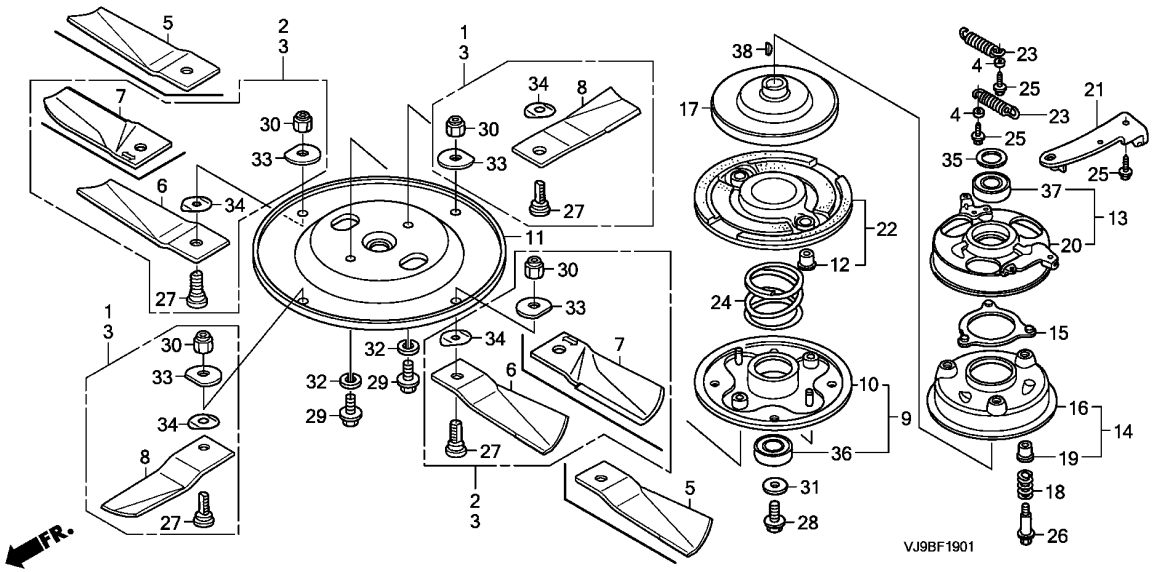


Ref. No.	L.O.N.	(Relative ref. Number) Description	F.R.T.
2		(3)	
	2161A7	BLADE, ROTARY	0.2
4	2161B8	HOLDER, BLADE	0.1
5	2161F9	DISC, ROTARY BLADE	0.4

Ref. No.	Part No.	Description	Reqd. QTY HRU 196 K1	HRU 196 M1	HRU 216 K2	HRU 216 M2	Serial No.	Parts catalogue code
1	06725-VK0-W80	BLADE KIT, ROTARY	(1)	-	-	-		
2	72511-VJ9-000	BLADE A, ROTARY	(2)	-	-	-		
3	72511-VL9-B40	BLADE, ROTARY	2	-	-	-		
4	72610-VB4-000	HOLDER, BLADE	1	-	-	-		
5	72612-VB4-000	DISK, BLADE	1	-	-	-		
6	90003-MN4-000	BOLT, FLANGE, 10X35	1	-	-	-		
7	90101-VJ9-B81	BOLT, BLADE SETTING (10X20)	2	-	-	-		
8	90301-VJ9-B81	NUT, LOCK, 10MM	2	-	-	-		
9	90471-VB4-000	WASHER, 10.5X40X4	1	-	-	-		
10	90501-VA3-K00	WASHER, BLADE	2	-	-	-		
11	90501-VJ9-B81	WASHER, SPRING, 10MM	2	-	-	-		
12	90501-VL9-B40	WASHER, THRUST	1	-	-	-		
13	94401-16150	KEY, WOODRUFF, 16X15	1	-	-	-		

F-19-1 ROTARY BLADE (HRU196M1,HRU216K2/M2)

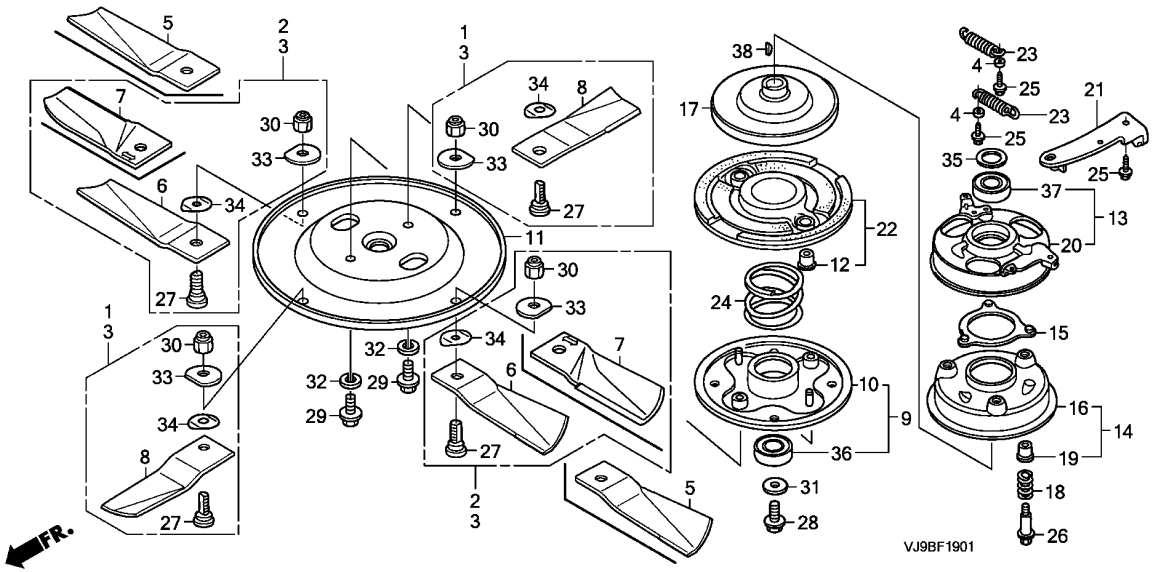
F 3



Ref. No.	L.O.N.	(Relative ref. Number) Description	F.R.T.
5		(6,7)	
	2161A7	BLADE, ROTARY	0.2
9		(24)	
	2161B8	HOLDER, BLADE	0.3
11	2161F9	DISC, ROTARY BLADE	0.4
13	2141F5	PLATE, BALL CONTROL	0.5
15		(14)	
	4181C5	RETAINER, CHUTER BALL	0.4
17	2161F7	DISC, DRIVE	0.3
22	2161B4	DISC, ROTARY BLADE DRIVEN	0.3
36		(10)	
	4151B0	BEARING, BLADE HOLDER	0.4
37		(20)	
	2141P6	BEARING, BALL CONTROL PLATE	0.6

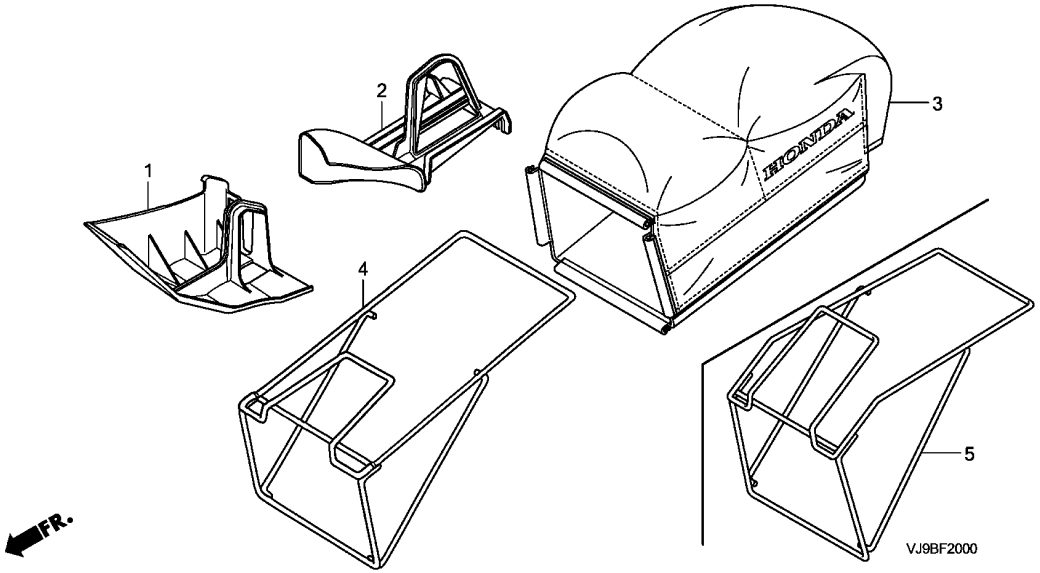
Ref. No.	Part No.	Description	Reqd. QTY HRU 196 K1	HRU 196 M1	HRU 216 K2	HRU 216 M2	Serial No.	Parts catalogue code
1	06720-VJ9-A00	BLADE KIT	-	-	-	(1)		
2	06725-VK0-W80	BLADE KIT, ROTARY	-	(1)	-	-		
	06725-VJ9-B80		-	-	(1)	-		
3	06725-VJ9-W80	BLADE KIT, ROTARY	-	-	-	(1)		
4	19512-883-000	COLLAR, FAN	-	2	2	2		
5	72511-VJ9-000	BLADE A, ROTARY	-	(2)	-	-		
6	72511-VJ9-000	BLADE A, ROTARY	-	-	2	2		
7	72511-VL9-B40	BLADE, ROTARY	-	2	-	-		
8	72512-VJ9-000	BLADE B, ROTARY	-	-	-	2		
9	72600-VA4-010	HOLDER ASSY., BLADE	-	1	1	1		
10	72610-VA4-000	HOLDER COMP., BLADE	-	1	1	1		
11	72612-VK0-C80	DISK, BLADE	-	1	-	-		
	72612-VJ9-B80		-	-	1	1		
12	72613-VA4-000	BUSH, BLADE HOLDER	-	2	2	2		
13	75090-VA4-030	PLATE ASSY., BALL CONTROL	-	1	1	1		
14	75100-VA4-010	BRAKE COMP.	-	1	1	1		
15	75110-VA4-000	RETAINER COMP., BALL	-	1	1	1		
16	75120-VA4-010	DISK, BRAKE	-	1	1	1		
17	75130-VA4-000	DISK, DRIVE	-	1	1	1		
18	75132-VA4-000	SPRING, BRAKE HOLDER	-	3	3	3		
19	75133-VA4-000	BUSH, BRAKE HOLDER	-	3	3	3		
20	75140-VA4-020	PLATE COMP., BALL CONTROL	-	1	1	1		
21	75142-VB3-803	PLATE, CABLE HOOK	-	1	1	1		
22	75150-VA3-J01	DISK COMP., DRIVEN	-	1	1	1		
23	75182-VA3-J00	SPRING, CLUTCH RETURN (53.0MM)	-	2	2	2		

ROTARY BLADE (HRU196M1,HRU216K2/M2)



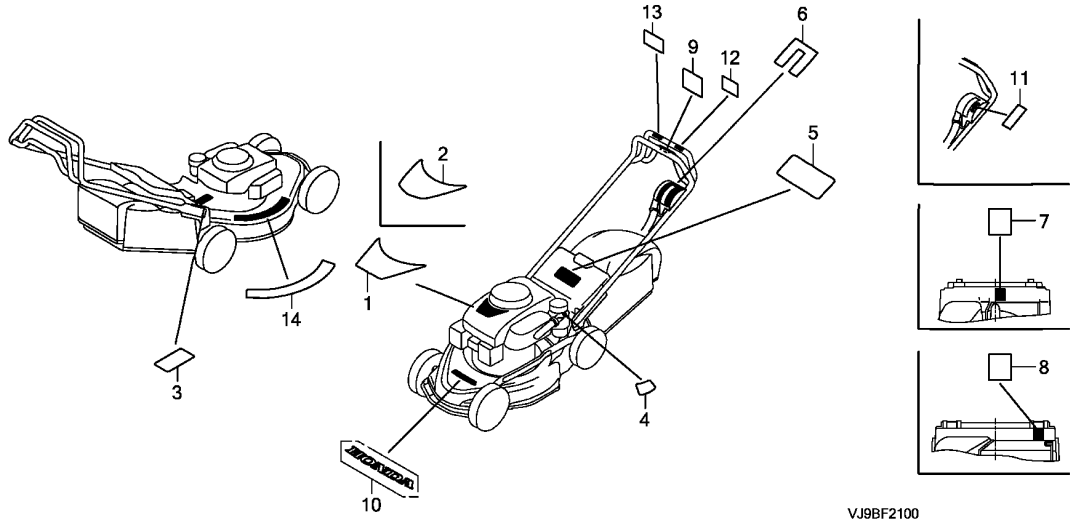
Ref. No.	Part No.	Description	Reqd. QTY HRU 196 K1	HRU 196 M1	HRU 216 K2	HRU 216 M2	Serial No.	Parts catalogue code
24	75183-VA3-J00	SPRING, CLUTCH (36.6MM) -----	-	1	1	1		
25	90014-952-000	BOLT, FLANGE, 6X14(CT200) ---	-	4	4	4		
26	90021-VA4-000	BOLT, SPECIAL, 6MM ----------	-	3	3	3		
27	90101-VJ9-B81	BOLT, BLADE SETTING (10X20) -	-	2	2	4		
28	90105-VA3-000	BOLT, HEX., 10X25 ----------	-	1	1	1		
29	90105-960-710	BOLT, HEX., 10X20 ----------	-	2	2	2		
30	90301-VJ9-B81	NUT, LOCK, 10MM ------------	-	2	2	4		
31	90401-880-000	WASHER, 10X30X3.5T ----------	-	1	1	1		
32	90481-430-000	WASHER, SPRING, 10MM --------	-	2	2	2		
33	90501-VA3-K00	WASHER, BLADE ---------------	-	2	2	4		
34	90501-VJ9-B81	WASHER, SPRING, 10MM --------	-	2	2	4		
35	90501-952-010	WASHER, THRUST --------------	-	1	1	1		
36	91102-VA4-013	BEARING, RADIAL BALL, 6204 --	-	1	1	1		
37	91103-VA4-003	BEARING, RADIAL BALL, 60/22 -	-	1	1	1		
38	94401-16150	KEY, WOODRUFF, 16X15 --------	-	1	1	1		

GRASS BAG



Ref. No.	L.O.N.	(Relative ref. Number) Description	F.R.T.
3	4161A3	FABRIC, GRASS BAG ----------	0.1

Ref. No.	Part No.	Description	Reqd. QTY HRU 196 K1	HRU 196 M1	HRU 216 K2	HRU 216 M2	Serial No.	Parts catalogue code
1	76266-VJ9-P80	PLUG, DISCHARGE ----------	-	-	-	1		
2	76266-VK0-C80	PLUG, DISCHARGE ----------	-	1	-	-		
3	81320-VL9-K40	FABRIC COMP., GRASS BAG -----	1	1	-	-		
	81320-VK3-R40	----------	-	-	1	1		
4	81330-VK3-C20	FRAME COMP., BAG ----------	-	-	1	1		
5	81330-VL9-K40	FRAME COMP., BAG ----------	1	1	-	-		



Ref. No.	L.O.N.	(Relative ref. Number) Description	F.R.T.
NO INFORMATION ----------			

Ref. No.	Part No.	Description	Reqd. QTY HRU 196 K1	HRU 196 M1	HRU 216 K2	HRU 216 M2	Serial No.	Parts catalogue code
1	87101-VJ9-B80	MARK, EMBLEM (HRU216) -------	-	-	1	1		
2	87101-VK0-M80	MARK, EMBLEM (HRU196) -------	1	1	-	-		
3	87103-VK3-B20	LABEL B, HOUSING CAUTION ----	1	1	1	1		
4	87106-VB4-880	MARK, FUEL CAUTION ----------	1	-	-	-	-------- --------	PWUH
			-	1	1	1		
5	87114-VK3-B20	LABEL, WARNING -------------	1	1	1	1		
6	87502-VJ9-000	MARK, CONTROL -------------	-	-	1	1		
7	87503-VA3-K00	MARK, NOISE LEVEL ----------	1	-	-	-	-------- --------	PWUH
			-	1	-	-		
8	87503-VA3-K00	MARK, NOISE LEVEL ----------	-	-	1	1		
9	87512-VJ9-000	MARK, CLUTCH INDICATION -----	-	-	1	1		
10	87521-VK0-M80	EMBLEM, HONDA -------------	1	1	1	1		
11	87532-VL8-000	MARK, THROTTLE -------------	1	-	-	-		
	87532-VK0-A10	----------	-	1	-	-		
12	87588-VK0-W80	MARK, BLADE CONTROL --------	-	1	1	1		
13	87588-VL7-000	MARK, BLADE CONTROL --------	1	-	-	-		
14	87612-VK0-W80	MARK, MULCH & CATCH --------	-	1	-	1		

PART NO. INDEX

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06725-VJ9-B80	F3	54	2
06725-VJ9-W80	F3	54	3
06725-VK0-W80	F2	53	1
	F3	54	2
11000			
11300-Z1V-406	C4	20	1
11300-Z1V-407	C4	20	2
11300-Z1V-409	C4	20	1
11381-ZE7-M10	C2	18	1
12000			
12000-Z1V-405	C2	18	2
12000-Z2J-405	C2	18	2
12125-Z1V-000	C2	18	3
12126-Z1V-000	C2	18	4
12126-Z1V-800	C2	18	4
12200-ZE7-405	C1	17	1
12204-ZE1-306	C1	17	2
12205-ZE1-315	C1	17	3
12209-ZE6-003	C7	23	1
12216-ZE5-300	C1	17	4
12251-Z1V-003	C1	17	5
12311-ZG9-800	C1	17	6
12355-Z1V-000	C2	18	5
12367-883-003	C2	18	6
12372-ZE7-000	C2	18	7
12373-ZE7-000	C2	18	8
12391-ZE7-M10	C1	17	7
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13010-Z4K-004	C6	22	1
13010-Z4P-003	C6	22	1
13011-Z4K-004	C6	22	1
13011-Z4P-003	C6	22	1
13012-Z4K-004	C6	22	1
13012-Z4P-003	C6	22	1
13013-Z4K-004	C6	22	1
13013-Z4P-003	C6	22	1
13101-Z1T-010	C6	22	2
13101-ZH8-020	C6	22	2
13102-ZH8-020	C6	22	2
13103-ZH8-020	C6	22	2
13104-ZH8-020	C6	22	2
13111-Z1T-000	C6	22	3
13200-Z1V-000	C6	22	4
13310-ZE7-771	C6	22	5
13331-357-000	C16	32	1
	D1	33	1
14000			
14100-ZE7-000	C7	23	2
14100-ZE7-770	C7	23	3
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14431-ZE1-000	C7	23	5
14441-ZE1-010	C7	23	6
14451-ZE1-013	C7	23	7
14568-ZE1-000	C7	23	8
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14751-ZE1-000	C7	23	11
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16010-ZE0-025	C12	28	1
16011-ZE0-005	C12	28	2
16013-ZOS-B01	C12	28	3
16015-ZE0-831	C12	28	4
16016-ZH7-W01	C12	28	5
16024-ZE1-811	C12	28	6
16028-ZE0-005	C12	28	7
16045-Z1V-G01	C12	28	8
16100-Z1V-S22	C12	28	9
16124-ZE0-005	C12	28	10
16166-Z1V-S21	C12	28	11
16211-ZE7-000	C12	28	12
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16585-Z1V-J30	D2	34	11
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17307-Z1V-S20	E5	40	1
17307-Z1V-S30	E5	40	1
17506-ZE7-000	C15	31	3
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17516-896-700	C15	31	6
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17622-888-010	C15	31	11
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17851-VA3-D01	E5	40	2
17858-VA4-000	E5	40	3
17859-VA3-800	E5	40	4
17910-VK3-R40	E5	40	5
17910-VL9-B40	E5	40	5
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18310-Z1V-000	C14	30	2
18320-Z1V-010	C14	30	3
18355-888-810	C14	30	4
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	F3	54	4
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22181-VA4-802	E9	44	6
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23431-VK3-B10	E6	41	20
23432-VK3-B10	E6	41	21
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23437-VA4-801	E3	38	1
23510-VB5-803	E11	46	1
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28410-Z1V-003ZA	C10	26	2
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HONDA

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